JULY 1878.

DIAGNOSES

PLANTARUM NOVARUM

VEL MINUS COGNITARUM

MEXICANARUM ET CENTRALI-AMERICANARUM.

PARTES 1-3

PARS PRIMA.—**POLYPETALÆ.**

AUCTORE

W. B. HEMSLEY.

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PARS PRIMA.—**POLYPETALÆ.**

AUCTORE

W. B. HEMSLEY*.

1. **Thalictrum strigillosum**, n. sp.

Caule ramisque plus minusve strigillosis, foliolis graciliter petiolulatis subtus hispidis supra sparse puberulis, floribus longe pedicellatis, antheris insigniter aristatis, stylo pubescente longissime exserto, achæniis fere sessilibus rugis elevatis reticulatis notatis.

Mexico: in montibus circa Mitla, prope Oaxacam, *Andrieux*, 546; prope Tizapan, *Bourgeau*, 276; in dumetis vicinitate Tacubayæ, *Schaffner*. (Hb. Kew.)

2. **Guatteria bibracteata**, Hemsley.

Anona? *bibracteata*, Hook. Ic. Pl. iv. t. 328 (char. emend.).

Ramis gracilibus junioribus rufo-pubescentibus, foliis breviter petiolatis oblongo-lanceolatis obtuse acuminatis vel gradatim attenuatis petiolisque sparse pubescentibus, floribus longe pedunculatis, pedunculis infra medium bibracteatis, bracteis foliaceis.

Mexico: Consoquitla, *Linden*, 982; *Harris*, sine loco speciali. (Hb. Kew.)

3. **Guatteria jurgensenii**, n. sp.

Ramis teretibus, foliis amplis lanceolatis acuminatis breviter petiolatis subtus sparse pilosulis, floribus solitariis axillaribus pedunculatis, pedunculis ad medium articulatis infra articulationem multibracteatis, bracteis minutis (?) cito deciduis.

Mexico: *Jurgensen*, 718. (Hb. Kew.)

* Full descriptions of these plants will be published in Messrs. Godman and Salvin's forthcoming 'Biologia Centrali-Americana;' but the names are put on record here, with brief diagnoses, because at least one third of the new species have been drawn and lithographed for the work named, and the names printed on the plates.

4. **Anaxagorea crassipetala,** n. sp.

Ramis teretibus petiolisque rufo-puberulis, foliis vix coriaceis lanceolatis acuminatis, floribus geminatim pedunculatis, petalis crasse coriaceis 3 exterioribus ovatis obtuse acuminatis 3 interioribus lanceolatis acutis brevioribus, carpellis graciliter stipitatis.

Nicaragua: Chontales, *Tate*, 3; *Seemann*, 3. (Hb. Kew.)

5. **Thelypodium petiolatum,** n. sp., tab. nostr. ined. 1.

Foliis caulinis longe petiolatis ovato-cordatis serratis pubescentibus, floribus racemosis, siliqua stipitata tereti, cotyledonibus oblique incumbentibus.

Mexico: Zimapan, *Coulter*, 684; in montibus prope urbem Mexico, *Bourgeau*, 762.

6. **Cardamine Schaffneri,** Hook. fil. MSS. in Hb. Kew.

Foliis radicalibus eleganter pinnatipartitis lobis rotundato-ovatis irregulariter crenato-lobulatis, caulinis quasipinnatis lobis distantibus lanceolatis acutis irregulariter pauciserratis, pedicellis elongatis patentibus, siliquis gracilibus adscendentibus, seminibus numerosis uniseriatis.

Mexico: prope Tacubayam, *Schaffner*; *Bourgeau*, 18. (Hb. Kew.)

7. **Cochlospermum hibiscoides,** H. B. K. Nov. Gen. et Sp. vii. p. 223; tab. nostr. ined. 2.

8. **Polygala conferta,** A. W. Bennet, n. sp.

Herba foliis verticillatis, racemo longe pedunculato conferto, floribus minutis, carina cristata, seminis carunculo appendiculato.

Mexico: Orizaba, *F. Müller*, 302. (Hb. Mart.)

9. **Polygala microphylla,** A. W. Bennet, n. sp.

Herba caule rigido subaphyllo, racemo terminali cylindrico, floribus confertis, alis quam sepala superiora haud multo longioribus, corolla angusta perlonga pulchra cristata, seminis carunculo galeato exappendiculato.

Mexico: Jalapa, *Galeotti*, 7096; Mirador, *Linden*, 74. (Hb. Kew.)

10. **Drymaria leptoclados,** n. sp., tab. nostr. ined. 3. fig. 1–7.

Glabra, ramis gracillimis, foliis brevissime petiolatis membranaceis rotundato-ovatis cuspidato-acuminatis 5–7-nerviis, floribus fere sessilibus in cymulas densas terminales dispositis, sepalis mucronulatis, petalis angustissimis bipartitis, staminibus 5, capsulis oligospermis.

Guatemala: Camino del Sapote, *Bernoulli*, 240. (Hb. Kew.)

11. **Drymaria xerophylla,** A. Gray, Pl. Wright. ii. p. 18, in adnot.; tab. nostr. ined. 3. fig. 8–13.

Foliis sessilibus rigidis ovatis cuspidato-mucronatis venosis, floribus parvis cymulosis, cymulis in axillis foliorum fere sessilibus, petalis minimis integris (interdum emarginatis bilobatisve, *A. Gray*), staminibus 3, filamentis basi cohærentibus, capsulis monospermis.

Mexico: Real del Monte, *Coulter*, 722. (Hb. Kew.)

12. **Clusia guatemalensis,** n. sp.

Arborescens, foliis vix coriaceis venosis longe petiolatis lanceolatis

acuminatis obtusis basi valde attenuatis, cymis plurifloris terminalibus lateralibusve, floribus pedicellatis, sepalis petalisque 4, filamentis liberis crassis.

Guatemala: Barranca Honda, Volcan de Fuego, ad 3800 ped., *Salvin*. (Hb. Kew.)

13. **Clusia orizabæ**, n. sp.

Arborescens (?), ramis crassis, foliis coriaceis longe petiolatis ellipticis lanceolatisve obtusis basi cuneatis, cymis subtrifloris, sepalis petalisque 4 decussatis, filamentis crassis.

Mexico: Izhuatlancillo in ditione Veræ Crucis, *Bourgeau*, 2967. (Hb. Kew.)

14. **Tovomita stylosa**, n. sp., tab. nostr. ined. 4.

Glabra, ramis teretibus gracilibus ad apices tantum foliosis, foliis petiolatis membranaceis lanceolatis ovatis ellipticisve obtusis transversim pellucido-lineatis, floribus monoicis di- trichotome cymosis, sepalis 2 petalisque lineari-lanceolatis tenuissimis, petalis 4, stylis elongatis divergentibus.

Panama: Chagres, *Fendler*, 298 (fl. ♂ tantum); Lion Hill, *Sutton-Hayes*, 367. (Hb. Kew.)

15. **Marcgravia affinis**, n. sp., tab. nostr. ined. 5. fig. 7–12.

Glabra, ramis gracilibus angulatis lenticellatis, foliis brevissime petiolatis longe acuminatis, umbellis 10–15-floris, floribus minimis, amphoris parvis.

Costa Rica: *Endres*, 185, sine loco speciali. (Hb. Kew.)

16. **Marcgravia nepenthoides**, Seem. Journ. Bot. viii. (1870) p. 245; tab. nostr. ined. 5. fig. 1–6.

Glabra, foliis oblongo-lanceolatis acutis breviter petiolatis, floribus numerosis in umbellas racemosas terminales pendentes dispositis, amphoris maximis.

Nicaragua: Chontales, *Seemann*. (Hb. Kew.)

17. **Saurauja scabrida**, n. sp.

Fulvo- vel rufo-strigilloso-furfuracea, foliis amplis lanceolatis supra scabridis subtus velutinis, floribus parvis in paniculas amplas laxe ramosas dispositis.

Mexico: in convalle Cordovæ, *Bourgeau*, 1747.

18. **Saurauja oreophila**, n. sp.

Ramis junioribus pedunculis petiolisque furfuraceo-strigillosis, foliis longe petiolatis subcoriaceis lanceolatis utrinque acutis mucronulato-serrulatis totis sparse hispidulis, nervis lateralibus numerosis costaque subtus prominentibus, pedunculis paucifloris.

Guatemala: Volcan de Fuego, ad 10500 ped., *Salvin*. (Hb. Kew.)

19. **Saurauja pauciserrata**, n. sp., tab. nostr. 6.

Glabra, ramis rugosis, foliis ad apices ramorum confertis longe petiolatis membranaceis obovato-lanceolatis acuminatis basi valde attenuatis præcipue supra medium remote serratis, pedunculis paucifloris, floribus mediocribus.

Guatemala: Volcan de Fuego, *Salvin*. (Hb. Kew.)

20. **Saurauja latipetala**, n. sp.

Ramis dense strigilloso rufo-furfuraceis, foliis petiolatis vix membranaceis oblongo-lanceolatis acutis obtusisve basi attenuatis utrinque hispidulo-paleaceis, pedunculis brevibus paucifloris, floribus ultra poll. diametro.

Mexico: Chiapas, *Ghiesbreght*, 646. (Hb. Kew.)

21. **Pelliciera rhizophoræ**, Planchon et Triana in Benth. et Hook. Gen. Plant. i. p. 186, et Ann. Sc. Nat. sér. 4, xvii. p. 380 (ubi *Pelliceria* scripta); tab. nostr. ined. 8.

Panama: in locis paludosis, *Sutton-Hayes*, 76. (Hb. Kew.)

22. **Gordonia parviflora**, n. sp., tab. nostr. ined. 7.

Ramis junioribus furfuraceo-pilosis, foliis breviter petiolatis lanceolatis acutis obsolete denticulatis, floribus parvis (circiter 8 lin. diametro) solitariis axillaribus fere sessilibus pubescentibus.

Mexico: Vera Cruz, *F. Müller*, 635. (Hb. Kew.)

23. **Bombax mexicana**, n. sp.

Ramis glabris crassis, foliis quinquefoliolatis, foliolis petiolulatis obovato-ellipticis vel interdum fere rotundatis, floribus pedunculatis, calyce hemisphærico truncato, filamentis basi in tubum brevem connatis, capsulis intus albido-lanatis, seminibus reniformi-globosis.

Mexico: in regione Orizabæ, *Bourgeau*, 2515. (Hb. Kew.)

24. **Quararibea pterocalyx**, n. sp., tab. nostr. ined. 9.

Ramis puberulis, foliis amplis petiolatis oblongo-lanceolatis ovato-ellipticisve, floribus magnis breviter pedunculatis oppositifoliis, calyce tubuloso persistente anguste decem-alato apice irregulariter trilobo.

Panama: in locis paludosis prope Frijolem, *Sutton-Hayes*, 137. (Hb. Kew.)

25. **Physodium dubium**, n. sp.

Fulvo-tomentosum, foliis longe petiolatis ovato-rotundatis acuminatis denticulatis, floribus cymosis, calyce campanulato 5-dentato, petalis obovatis, filamentis fere ad apicem connatis, antheris 5 cum staminodiis dentiformibus alternantibus, ovario villoso.

Mexico: inter Acatlan et Chila, dit. Puebla, *Andrieux*, 507. (Hb. Kew.)

26. **Ayenia ovata**, n. sp., tab. nostr. ined. 10. fig. 1 et 1–4.

Frutescens, cano vel fulvo-tomentosa, foliis petiolatis ovatis cuspidulato-dentatis subtus velutinis, floribus subumbellatis, umbellis axillaribus pedunculatis 3–5-floris, petalis longe graciliterque limbo basi cordato, ovario villoso longe stipitato.

Mexico: Zimapan, in ditione Mexici, *Coulter*, 1515. (Hb. Kew.)

27. **Ayenia rotundifolia**, n. sp., tab. nostr. ined. 10. fig. 2 et 5–8.

Frutescens, ramis glabrescentibus, foliis longe petiolatis ovato-rotundatis crenatis utrinque molliter pubescentibus, floribus axillaribus solitariis vel pedunculis 2–3-floris, petalis longe graciliterque unguiculatis limbo basi sagittato, ovario longe stipitato.

Mexico: Zimapan, *Coulter*, 1514. (Hb. Kew.)

28. **Hasseltia pyramidalis**, n. sp.

Frutescens, foliis petiolatis glabris oblongo-lanceolatis acuminatis

obtusis remotiuscule crenato-serratis, floribus albis racemoso-paniculatis, paniculis pyramidiformibus, filamentis crispis, stylo brevi trifido.

Mexico: Zulusuchiapa, Chiapas, *Linden*, 1639. Honduras: *Armstrong*, sine loco speciali. (Hb. Kew.)

29. **Erythrochiton lindeni**, Hemsley, tab. nostr. ined. 11.

Toxosiphon lindeni, Baillon, Adansonia, x. p. 310.

Mexico: in sylvis umbrosis de Teapa, Tabasco, *Linden*, 1623. Nicaragua: *Tate*, 41 et 42, sine habitatione. (Hb. Kew.)

30. **Decatropis coulteri**, Hook. fil. in Benth. et Hook. Gen. Pl. i. p. 298; et tab. nostr. ined. 12.

Mexico: Zimapan, *Coulter*, 871. (Hb. Kew.)

31. **Ptelea parvifolia**, A. Gray, MSS. in Hb. Kew.

Fruticosa glabra dense ramosa, foliis subopppositis petiolatis trifoliolatis, foliolis subcoriaceis creberrime nigro-punctatis sessilibus lateralibus multo minoribus, floribus minutissimis tetrameris, fructu obovato-elliptico basi auriculato.

Mexico: in ditione Nuevo Leon, prope Carrizal, *Berlandier*, 1404; Buena Vista, *Gregg*. (Hb. Kew.)

32. **Schœpfia angulata**, Planchon, MSS. in Hb. Kew.

Ramis angulatis, foliis lanceolatis obtusis brevissime petiolatis 1½–2-pollicaribus, pedunculis brevissimis 2–3-floris, floribus sessilibus, corollæ lobis tubum fere æquantibus, ovario biloculari, stylo crasso tubo corollæ æquali.

Mexico: Zacuapan, *Linden*, 33 et 79, et Jalapa ad 3000 ped., *Galeotti*, 7059, in ditione Veræ Crucis. (Hb. Kew.)

33. **Schœpfia parvifolia**, Planchon, MSS. in Hb. Kew.

Ramis teretibus, foliis ovato-lanceolatis pollicaribus, pedunculis brevibus axillaribus bi-trifloris, corollæ lobis ovatis tubo triplo brevioribus, ovario alte biloculari, stylo crasso tubo corollæ dimidio breviore.

Mexico: *Parkinson*. (Hb. Kew.)

34. **Schœpfia vacciniiflora**, Planchon, MSS. in Hb. Kew; tab. nostr. ined. 13.

Ramis teretibus, foliis lanceolatis acuminatis 2–2½ poll. longis, pedunculis 9–12 lin. longis 3–6-floris, floribus pedicellatis, corollæ lobis lanceolatis acutis tubo triplo brevioribus, stylo crasso quam tubus corollæ dimidio breviore.

Guatemala: Volcan de Fuego, alt. 7300 ped., *Salvin*. (Hb. Kew.)

35. **Ilex discolor**, n. sp.

Fruticosa, novellis puberulis, foliis discoloribus breviter petiolatis coriaceis oblongo-ellipticis utrinque rotundatis calloso-serrulatis circiter sesquipollicaribus, floribus parvis axillaribus congestis.

Mexico: Comitan, Chiapas, in locis sterilibus aridis, *Linden*, 1652.

36. **Ilex tolucana**, n. sp.

Fruticosa glaberrima, foliis breviter petiolatis coriaceis lanceolatis obtusis 2–4-pollicaribus calloso-serrulatis, floribus numerosissimis in axillis foliorum congestis.

Mexico: prope Tolucam, *Andrieux*, 260. (Hb. Kew.)

37. **Euonymus parviflorus**, n. sp.

Fruticosus glabrescens, ramulis gracilibus, foliis vix coriaceis breviter petiolatis lanceolatis acuminatis, cymis 6–12-floris, floribus parvis.

Nicaragua: Chontales, *Tate*, 292. (Hb. Kew.)

38. **Perrottetia ovata**, n. sp.

Arborescens, novellis rufo-puberulis, foliis ovatis valde acuminatis acutis grosse calloso-serratis basi late rotundatis, floribus minutis pedicellatis, panicularum ramulis gracilibus, petalis ciliatis.

Mexico: Jalapa, ad 4000 ped., *Galeotti*, 7117. (Hb. Kew.)

39. **Wimmeria confusa**, n. sp.

Glabra, ramis erectis rigidis, foliis subsessilibus vix coriaceis lineari-lanceolatis ovatis obovatisve calloso-crenatis in ramulis lateralibus brevissimis crebris, pedunculis axillaribus subtrifloris, floribus 5–6 lin. diametro.

Mexico: Aguas Calientes, Guadalaxara, *Hartweg*, 41.

40. **Zizyphus guatemalensis**, n. sp.

Fruticosa præter flores glaberrima parce spinosa, ramulis flexuosis, foliis coriaceis petiolatis oblongo-ellipticis utrinque rotundatis apice interdum retusis prominenter trinerviis obscure calloso-crenulatis, floribus parvis pedicellatis subumbellatis, umbellis axillaribus breviter pedunculatis ad 10-floris, ovario biloculari.

Guatemala: *Skinner*. (Hb. Kew.)

41. **Rhamnus** (?) **spinosus**, n. sp.

Arborescens spinosus strigilloso-furfuraceus, ramulis rigidis, foliis ellipticis obtusis emarginatis, floribus graciliter pedicellatis in axillis foliorum fasciculatis.

Panama: Paraiso, *Sutton-Hayes*, 273. (Hb. Kew.)

42. **Llavea integrifolia**, n. sp.

Sericeo-pilosa, foliis oblongo-lanceolatis, floribus pedicellatis ad apices ramulorum lateralium brevium dispositis, fructu trialato.

Mexico: Zimapan, in ditione Mexici, *Coulter*, 868. (Hb. Kew.)

43. **Dalea ervoides**, Benth. MSS. in Hb. Kew.

Herbacea annua ramosa eglandulosa, ramis gracilibus, foliis hispidis 1–2-jugis rarissime 3-jugis, foliolis distantibus lineari-lanceolatis acutis, floribus parvis spicatis, spicis paucifloris congestis, bracteis ovato-lanceolatis acuminatissimis calycibusque strigilloso-hispidis.

Mexico: Real del Monte, *Coulter*, 537; Cuantepec, *Bourgeau*, 1054.

44. **Dalea eysenhardtioides**, n. sp.

Fruticosa fulvo-puberula, ramulis gracilibus, foliis 4–6-jugis, foliolis obovato-oblongis mucronulatis petiolulatis, floribus spicatis albis parvis, calyce decemcostato fauce furfuraceo, vexillo cucullato-orbiculari, filamentis vix ad medium connatis, antheris inconspicue glandulosis, ovario (an semper?) uniovulato.

Mexico: in montibus Oaxacæ prope Mare Pacificum, alt. 4000–7000 ped., *Galeotti*, 7013. (Hb. Kew.)

45. **Dalea flava**, Mart. et Gal. (char. emend.).

Herbacea ramosa, ramis angulatis pubescentibus, foliis 8–12-jugis

cano-villosulis, foliolis parvis sessilibus confertis oblongo-ellipticis subtus conspicue nigro-punctulatis, floribus parvis dense spicatis, calyce villoso decemcostato inter costas glandulis magnis lineari-oblongis consperso 5-partito petala fere æquante, carinæ alisque tubo stamineo alte adhærentibus.

Mexico: Mirador et Zacuapan, alt. 3000 ped., *Galeotti*, 3405. (Hb. Kew.)

46. **Dalea insignis**, n. sp., tab. nostr. ined. 14.

Herbacea erecta robusta glabra, foliis amplis 4–6-jugis, stipulis semisagittatis amplissimis scariosis nigro-venosis aristatis, floribus spicatis, bracteis magnis stipulis simillimis flores amplectentibus.

Mexico: in ditione Veræ Crucis, *Müller*, 228. (Hb. Kew.)

47. **Dalea naviculifolia**, n. sp.

Fruticosa, ramis gracilibus foliisque glanduloso-punctatis, foliis parvis 7–10-jugis, foliolis breviter petiolulatis crebris oblongis acutis supra concavis sparse pilosis subtus convexis carinatis nigro-punctatis, floribus minimis spicatis, spicis rufo-pubescentibus, calyce spadiceo decemcostato dentibus exceptis glaberrimo.

Mexico: *Bates*, sine loco. (Hb. Kew.)

48. **Dalea pulchella**, Moricand (char. emend.).

Fruticosa ramosa pubescens tuberculato-glandulosa, ramulis gracilibus, foliis parvis 1–3-jugis cano vel cinereo-tomentosis, floribus subcapitatis purpureis vel roseis, petalis omnibus fere liberis.—*D. pulchella*, Moricand, Pl. Nouv. d'Amér. p. 9, t. 7; *D. dorycnoides*, DC.; *D. decora*, Schauer.

Texas et Mexico.

49. **Dalea similis**, n. sp.

Herbacea cano vel fulvo-pubescens, foliis angustis 10–20-jugis, foliolis parvis confertis sessilibus oblongo-ellipticis acutiusculis glanduloso-punctatis sed glandulis tomento opertis, floribus sericeo-villosis spicatis, spicis brevibus densis, calyce ecostato glandulis punctiformibus consperso, lobis tubo longioribus, petalis calyce longioribus omnibus fere liberis.

Mexico: Cerro de Pinal, Durango, *Seemann*, 1533. (Hb. Kew.)

50. **Dalea schaffneri**, n. sp.

Suffrutescens ramosa, ramis gracilibus glandulosis, foliis usque ad 20-jugis, foliolis parvis oblongis oblongo-ellipticis primum villosis dein glabris subtus marginesque nigro-punctatis, floribus parvis laxe spicatis, spicis angustis, calyce breviter quinquedentato glandulis magnis pellucidis succineis consperso, carinæ petalis apicem versus uniglandulosis.

Mexico: prope Chapultepec, *Schaffner*. (Hb. Kew.)

51. **Brongniartia foliolosa**, Benth. MSS. in Hb. Kew.

Frutescens glabrescens, foliis cito glabrescentibus usque ad 20-jugis, foliolis brevissime petiolulatis coriaceis parvis oblongis mucronulatis, stipulis amplis persistentibus, floribus axillaribus solitariis geminisve, bracteolis duabus amplis ovato-ellipticis, legumine stipitato.

Mexico: Zimapan in ditione Mexici, *Coulter*, 555. (Hb. Kew.)

52. **Brongniartia retusa,** Benth. MSS. in Hb. Kew.

Fruticosa, foliis 4–5-jugis exstipulatis, foliolis amplis petiolulatis orbiculari-ellipticis retusis subtus puberulis et glanduloso-punctatis, glandulis luteis, legumine sessili coriaceo compresso 2–2½-pollicari.

Mexico: Tula, *Berlandier*, 759 et 2179. (Hb. Kew.)

53. **Brongniartia stipitata,** n. sp.

Fruticosa, ramis teretibus gracilibus furfuraceo-strigillosis, foliis petiolatis stipulatis angustis 8–12-jugis, foliolis parvis oblongis vix coriaceis, floribus solitariis axillaribus pedunculatis, bibracteolatis, bracteolis amplis glabris alabastra amplectentibus, legumine longe stipitato.

Mexico: *Halsted et Sumichrast*, sine loco speciali. (Hb. Kew.)

54. **Pictetia microphylla,** Benth. MSS. in Hb. Kew.

Fruticosa glandulosa, foliis parvissimis 4–5-jugis, foliolis pilosis lanceolatis pungentibus, stipulis spinescentibus, floribus ad axillas fasciculato-racemosis, calyce persistente, legumine stipitato 3–4-spermo inter semina constricto.

Mexico: Sonora Alta, *Coulter*; *Parkinson*, sine habitatione. (Hb. Kew.)

55. **Dalbergia glomerata,** n. sp.

Puberula, foliis 6–8-pollicaribus 5–6-jugis, foliolis petiolulatis membranaceis ovato-oblongis obtusis sæpius mucronulatis, floribus minimis glomerato-cymosis, cymis parvis densis pedunculatis.

Mexico; Sangolica, *Botteri*, 1027. (Hb. Kew.)

56. **Dalbergia retusa,** n. sp.

Puberula, foliis 4–5-jugis petiolatis, foliolis breviter petiolulatis ovato-oblongis retusis 1½–4 poll. longis, floribus corymbosis.

Panama: in sylvis prope Paraiso, *Sutton-Hayes*, 642. (Hb. Kew.)

57. **Drepanocarpus mucronulatus,** Benth. MSS. in Hb. Kew.

Fruticosus, ramulis teretibus gracilibus sparsim puberulis, foliis multijugis, foliolis parvis crebris brevissime petiolulatis oblongis mucronatis subtus hirsutis, floribus mediocribus in paniculas densas terminales dispositis, petalis omnibus glabris, staminibus æqualiter diadelphis, ovario sericeo biovulato.

Mexico: Bolaños, Guadalaxara, *Coulter*. (Hb. Kew.)

58. **Pterocarpus hayesii,** n. sp., tab. nostr. ined. 15.

Foliis supremis 9–12-pollicaribus, foliolis 9–13 alternis vix coriaceis ovato-oblongis 4–6-pollicaribus longe acuminatis obtusis secus costam tantum puberulis, floribus pedicellatis racemosis, racemis ad apices ramulorum aggregatis, ovario hirsuto 3–4-ovulato, legumine maximo suborbiculato venoso-reticulato.

Panama: in sylvis prope Matachin, *Sutton-Hayes*, 597. (Hb. Kew.)

59. **Cæsalpinia** (§ **Cæsalpinaria**) **affinis,** n. sp.

Foliis petiolatis pari- bipinnatis pubescentibus, pinnis 4–5-jugis, foliolis parvis 4–6-jugis crebris oblongo-ellipticis obovatisve, floribus amplis subcarnosis dense racemosis, calycis lobis fere æqualibus, petalo superno conduplicato fornicato quam cætera minore, filamentis quam petala duplo longioribus.

Guatemala: *Skinner*. (Hb. Kew.)

60. **Cæsalpinia** (§ **Coulteria**) **gracilis**, Benth. MSS. in Hb. Kew.

Fruticosa glabra, ramulis rhachibusque foliorum gracilibus, foliis paripinnatis, pinnis 3-jugis, foliolis 3–4-jugis, floribus pedicellatis racemosis, racemis paucifloris, calyce furfuraceo, vexillo sessili, filamentis basi incrassatis barbatis.

Mexico: Sonora Alta, *Coulter*, 485. (Hb. Kew.)

61. **Moquilea platypus**, n. sp.

Arborescens, foliis glaberrimis lanceolato-oblongis acutiusculis basi cuneatis vel rotundatis, floribus cano-tomentosis breviter pedicellatis racemoso-paniculatis, paniculis amplis terminalibus, ramulis valde compressis, petalis ellipticis ciliatis.

Panama et Columbia occidentalis: *Cuming*, 1272. Nicaragua: prope urbem Granadæ culta, *Levy*, 222. (Hb. K.)

62. **Deutzia mexicana**, n. sp., tab. nostr. ined. 16.

Foliis ovato-lanceolatis oblongisve obsolete denticulatis utrinque stellato-pubescentibus supra scabridis subtus albidis, floribus corymbosis, staminibus 12–15, filamentis deorsum dilatatis edentatis.

Mexico: Orizaba, *Botteri*, 980. (Hb. Kew.)

63. **Cotyledon** (§ **Echeveria**) **albiflora**, n. sp.

Herbacea glaberrima, foliis caulinis parvis ovato-oblongis crassis obtusis, floribus parvis (albis, *Galeotti*) sessilibus vel breviter pedicellatis spicato-paniculatis.

Mexico: in rupibus montium Oaxacæ ad 7000 ped., *Galeotti*, 2810. (Hb. Kew.)

64. **Cotyledon batesii**, n. sp., tab. nostr. ined. 17.

Suffruticosa glaberrima ramosa habitu *Sedi* cujusdam, ramis lignosis, foliis sparsis vel confertis carnosis lineari-oblongis acutis obtusisve (planis?), floribus parvis numerosis in cymas densas terminales plurifurcatas dispositis.

Mexico: *Bates et Schiede*, sine locis; Zacoalco, 561, et Santa Fé, 1178 bis, *Bourgeau*. (Hb. Kew.)

65. **Cotyledon** (§ **Umbilicus**) **galeottiana**, n. sp.

Herbacea glabrescens ramosa, ramis tenuibus sublignosis, foliis caulinis vix carnosis glabris spathulatis petiolatis, floribus albis pedicellatis in cymas unilaterales dispositis, sepalis basi gibbosis, corolla infra medium 5-partita.

Mexico: in rupibus montium Oaxacæ, alt. 5000–6000 ped., *Galeotti*, 2812. (Hb. Kew.)

66. **Cotyledon jurgensenii**, n. sp.

Suffruticosa erecta humilis hispidula, ramis gracilibus teretibus lignosis foliosis, foliis parvis ovato-oblongis obtusis basi solutis subamplexicaulibus, floribus rubescentibus sessilibus cymosis, cymis 2–3-floris.

Mexico: *Jurgensen*, 616 (pro parte). (Hb. Kew.)

67. **Cotyledon** (§ **Echeveria**) **parviflora**, n. sp.

Herbacea (annua?) glabra, caule erecto simplici, foliis radicalibus ignotis, caulinis sessilibus carnosis linearibus acutis adscendentibus basi solutis deorsum productis, floribus parvis sessilibus in cymas parvas spicatim dispositis.

Mexico: in monte Zacoalco, prope Guadaloupe, *Bourgeau*, 729. (Hb. Kew.)

SEDUM.

The following are all the species of this genus I have seen from Mexico and Central America. Those previously described were most of them imperfectly characterized; therefore I include them here with the new ones.

§ 1. *Species fruticosæ latifoliæ, foliis patentibus.*

68. **Sedum dendroideum,** Moç. et Sess. (char. emend.).

Erectum ramosum glabrum, ramis crassis carnosis, foliis carnosis obovato-spathulatis vel fere rotundatis sessilibus basi solutis, floribus luteis cymoso-paniculatis sessilibus, calycis lobis late ovatis obtusis quam petala triplo brevioribus, petalis late lanceolatis acutis, squamulis parvis truncatis vix emarginatis.—*DC. Mém. Crass.* t. 9.

Mexico: in ditione Mexici, *Bourgeau*, 1421. (Hb. Kew.)

69. **Sedum præaltum,** DC.

Erectum ramosum glaberrimum, ramis incrassatis elongatis tortuosis apice tantum foliosis, foliis lanceolato-spathulatis obtusis vel subacutis, floribus luteis breviter pedicellatis cymoso-paniculatis, paniculis laxis, calycis lobis oblongo-lanceolatis obtusis, petalis anguste lanceolatis acutissimis, squamulis parvis rotundatis.—*Pl. Rar. Hort. Bot. Genev.* x. p. 21.

Mexico: *Jurgensen*, 300; *Gregg*, 634. (Hb. Kew.)

70. **Sedum confusum,** n. sp.

Glaberrimum nitidum, ramis vix incrassatis, foliis obovato-spathulatis, floribus luteis sessilibus, cymis congestis, calycis lobis parvis incrassatis, filamentis filiformibus, squamulis minutis rotundatis.

Mexico?: spec. cult. (Hb. Kew.)

71. **Sedum botteri,** n. sp.

Ramis carnosis valde foliosis, foliis obovato-spathulatis ellipticis vel fere rotundatis basi cuneatis, floribus (luteis?) laxe cymoso-paniculatis pedicellatis, sepalis quam petala dimidio brevioribus, squamulis latis.

Mexico: Orizaba, *Botteri*, 466; in convalle Cordovæ, *Bourgeau*, 2061. (Hb. Kew.)

72. **Sedum oxypetalum,** H. B. K.

Ramosissimum, foliis obovato-spathulatis basi attenuatis, floribus sessilibus, petalis linearibus elongato-acuminatis.—*Nov. Gen. et Sp.* vi. p. 45.

Mexico: Pedregel in dit. Mexici, *Bourgeau*, 516.

This was originally described from specimens growing in Mexican gardens. Bourgeau's plant is undoubtedly the same species, which is easily recognized by its densely-branching habit and purplish-red flowers.

73. **Sedum tortuosum,** n. sp.

Ramis crasso-carnosis valde tortuosis, foliis sparsis spathulatis planis venis (saltem in siccis) conspicuis, floribus (albis?) pedicellatis, sepalis carnosis inæqualibus basi productis, petalis lanceolatis.

Mexico: *Parkinson*. (Hb. Kew.)

§ 2. *Species suffruticosæ teretifoliæ, foliis sparsis patentibus.*

74. **Sedum guatemalense**, n. sp.

Ramosum procumbens, ramis lignosis, foliis teretibus floriferis erectis, floribus luteis pedicellatis in cymas laxas terminales dispositis, sepalis carnosis linearibus (subteretibus) obtusis, petalis ovato-lanceolatis mucronulatis, squamulis carnosis clavatis.

Guatemala: supra Calderas, alt. 8000 ped., *Salvin et Godman*. (Hb. Kew.)

75. **Sedum bourgæi**, n. sp., tab. nostr. ined. 18.

Ramosum procumbens, ramis lignosis, foliis teretibus, floribus (luteis?) breviter pedicellatis in cymas laxas plurifurcatas dispositis, calycis lobis carnosis obtusis, petalis obtusiusculis.

Mexico: San Nicolas, *Bourgeau*, 933. (Hb. Kew.)

§ 3. *Species suffruticosæ parvifoliæ, foliis imbricatis.*

76. **Sedum cupressoides**, n. sp., tab. nostr. ined. 19.

Procumbens humile ramosum, ramis gracilibus, foliis incrassatis parvis ovato-teretibus dense appresso-imbricatis, floribus roseis solitariis vel paucis aggregatis.

Mexico: in rupibus montium Oaxacæ, alt. 7000 ped., *Galeotti*, 2811; *Jurgensen*, 672. (Hb. Kew.)

§ 4. *Species herbaceæ erectæ latifoliæ.*

77. **Sedum ebracteatum**, Moç. et Sess. (char. emend.).

Ramis floriferis erectis, foliis albo-pubescentibus carnosis oblongis obtusiusculis, cymis patentibus, floribus sessilibus bracteatis, calycis lobis lanceolatis glandulosis, petalis albo-flavescentibus quam lobi duplo longioribus.—*DC. Mém. Crass.* p. 37, t. 6. fig. B; *Refug. Bot.* iv. t. 221, male descriptum.

Mexico: spec. cult. in Hb. Kew.

78. **Sedum incertum**, n. sp.

Erectum ramosum, ramis incrassatis, foliis carnosis glabris late ovatis vel fere rotundatis obtusis basi latis, floribus sessilibus in cymas breves congestis, calycis lobis ovatis obtusis, squamulis parvis late rotundatis, stylis elongatis gracilibus.

Mexico: in convalle Mexici, *Bourgeau*, 1181. (Hb. Kew.)

§ 5. *Species herbaceæ perennes diffusæ vel prostratæ parvifoliæ.*

79. **Sedum wrightii**, A. Gray.

Glabrum decumbens vel suberectum, foliis sparsis crasso-carnosis obovatis oblongisve, floribus amplis albis roseo-tinctis.—*Pl. Wright.* i. p. 76.

Mexico borealis et Nova Mexico. (Hb. Kew.)

80. **Sedum moranense**, H. B. K.

"Ramosum repens parvifolium glabrum, ramis apice paucifloris, foliis sparsis basi solutis crasso-carnosis ovato-oblongis obtusis, floribus

racemosis secundis subsessilibus, petalis oblongo-linearibus obtusiusculis."—*Nov. Gen. et Sp.* vi. p. 44.

Mexico: prope Real de Moran, alt. 7800 ped., *Humboldt et Bonpland.*

I have not seen specimens of this species.

81. **Sedum greggii**, n. sp.

Pumilum glabrum, foliis carnosis confertis obovato-oblongis, floribus luteis sessilibus in cymas simplices terminales 3–5 (vel plures?) aggregatis, sepalis oblongis obtusis rotundatisve, petalis ovato-lanceolatis acutis carinatis.

Mexico: *Gregg*, 635. (Hb. Kew.)

§ 6. *Species annuæ.*

82. **Sedum liebmannianum**, n. sp.

Annuum (?) nanum glabrum parce ramosum, ramis subcarnosis, foliis parvis carnosis approximatis imbricatisve ovato-oblongis obtusis basi solutis expansis, floribus paucis parvis breviter pedicellatis ad apices ramulorum, sepalis brevibus subcarnosis dorso carinatis, petalis lanceolatis mucronulatis, squamulis minutis.

Mexico: Yavesia, Oaxaca, alt. 7500 ped., *Liebmann*; *Gregg*, 664. (Hb. Kew.)

83. **Sedum miserum**, Lindl.

"Annuum carnosum procumbens, foliis inferioribus sparsis teretibus, superioribus semicylindraceis, floribus viridibus solitariis terminalibus."—*Bot. Reg.* xxiv. *Misc.* p. 65.

I have not seen this species, which Lindley described from garden specimens raised from Mexican seeds.

84. **Sedum napiferum**, Peyritsch.

"Annuum glaberrimum, radice napiformi, foliis teretiusculis ovoideis basi solutis rotundatis vel subtruncatis, cymis bi-, tri-, plurifurcatis 3–7-floris, pedicellis patentissimis, petalis roseis, squamulis cuneato-spathulatis sæpe bidentatis."—*Descr. ex Peyritsch*, *Linnæa*, xxx. p. 50.

Mexico: juxta urb. Toluca, alt. 8000 ped., *Heller*, 457.

85. **Sedum batesii**, n. sp.

Annuum pumilum gracillimum glabrum simplicicaule vel ramosum, foliis carnosis parvis remotis lineari-spathulatis, floribus albis numerosis cymosis fere sessilibus vel singulis longe pedicellatis, calycis lobis crassis basi longe productis.

Mexico: *Bates*, sine loco speciali. (Hb. Kew.)

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86. **Gustavia superba**, Berg, Linnæa, xxvii. p. 444.

G. insignis, Hook. Bot. Mag. t. 5069.

Var. **salviniæ**, tab. nostr. ined. 20.

Foliis petiolatis vix membranaceis usque ad 4–6 ped. longis et 1 latis, petalis angustioribus.

Panama: Obispo, *Salvin.* (Hb. Kew.)

87. **Blakea gracilis**, n. sp., tab. nostr. ined. 21.

Fruticosa glabra, ramulis teretibus gracilibus, foliis longe petiolatis vix coriaceis 5-nerviis obovato-ellipticis abrupte acuminatis, floribus mediocribus solitariis axillaribus longe pedunculatis, bracteis 4 a basi liberis, 2 exterioribus majoribus foliis similibus, 2 interioribus obovato-spathulatis.

Costa Rica: *Endres.* (Hb. Kew.)

88. **Blakea grandiflora**, n. sp.

Glaberrima, ramulis crassissimis, foliis longe petiolatis late ellipticis breviter acuminatis obtusis, floribus maximis pedunculatis axillaribus solitariis vel 2–4 fasciculatis 4-bracteatis, bracteis exterioribus ovatis basi connatis, interioribus omnino connatis, calycis limbo longe producto 4-lobato, petalis orbiculari-obovatis.

Costa Rica, *Endres*, 230. (Hb. Kew.)

89. **Antherylium nudiflorum**, n. sp., tab. nostr. ined. 22.

Inerme, per anthesin aphyllum, foliis nobis ignotis, floribus glabris subumbellatim fasciculatis vel corymbosis pedicellatis.

Mexico: *Jurgensen*, 956. (Hb. Kew.)

90. **Hauya barcenæ**, n. sp., tab. nostr. ined. 23. fig. 2.

Glabrescens, foliis ovato-rotundatis longe petiolatis, venis lateralibus subtus prominentibus, calycis lobis tubo æquilongis, petalis ellipticis, capsulis bipollicaribus.

Mexico: Huauapan, Oaxaca, *Andrieux*, 391. (Hb. Kew.)

91. **Hauya cornuta**, n. sp., tab. nostr. ined. 23. fig. 3.

Foliis oblongo-lanceolatis ellipticisve abrupte breviterque acuminatis cano-tomentosis, calycis lobis tubo fere dimidio brevioribus apice cornutis, capsulis vix pollicaribus, valvis dorso distincte carinatis.

Guatemala: Rio Guacalate, alt. 4950 ped., *Salvin.* (Hb. Kew.)

92. **Hauya elegans**, Moç. et Sess. (char. emend.); tab. nostr. ined. 23. fig. 1.

Velutina, foliis lanceolatis ovatis vel fere rotundatis, floribus ultra 4-pollicaribus, calycis lobis tubo multo brevioribus, capsulis ad sesquipollicaribus, valvis dorso planis.

Mexico: Zimapan, *Coulter*, 172. (Hb. Kew.)

Fuchsiæ Species Mexicanæ et Centrali-Americanæ adhuc cognitæ.

§ 1. *Arborescens, foliis amplis, floribus parvis erectis in paniculas amplas terminales dispositis, staminibus quam petala brevioribus.*

93. **Fuchsia arborescens**, Sims, Bot. Mag. t. 2620.

F. syringæflora, Rev. Hort. 1873, p. 311 (cum icone colorata).

F. paniculata, Lindley, Gard. Chron. 1856, p. 301.

Foliis oppositis ternisve lanceolatis 3–7-pollicaribus, floribus roseis vel purpureis semipollicaribus.

Mexico et Guatemala, in montibus communis.

§ 2. *Frutescens, foliis sæpius amplis longe petiolatis, floribus sæpissime grandibus longe pedunculatis nutantibus axillaribus solitariis vel in racemos terminales dispositis, staminibus quam petala longioribus.*

94. **Fuchsia fulgens**, DC. (char. amplif.).

Foliis usque ad 6-pollicaribus glabrescentibus cordato-ovatis, floribus $2\frac{1}{2}$–3-pollicaribus in racemos terminales dispositis, staminibus breviter exsertis.—*DC. Prodr.* iii. p. 39; *Calques Icon. Fl. Mex. ined.* 362; *Bot. Mag.* t. 3801; *Bot. Reg.* 1838, t. 1.

Mexico: Michoacan, alt. 6000–7000 ped., *Galeotti*, 3050; Morelia, *Hartweg*. (Hb. Kew.)

95. **Fuchsia cordifolia**, Bth.

Foliis cordatis cito glabrescentibus, floribus axillaribus longe pedunculatis, calycis tubo vix deorsum attenuato basi ventricoso, petalis quam calycis lobi tertia parte brevioribus ovato-rotundatis abrupte acuminatis.—*Pl. Hartw.* p. 74; *Bot. Reg.* 1841, t. 70.

Guatemala: in monte ignivomo Xetuch, altitudine 10000 ped., *Hartweg*. (Hb. Kew.)

96. **Fuchsia intermedia**, n. sp.

Glabrescens, foliis ovato-cordatis longissime petiolatis, floribus axillaribus longissime pedunculatis, calycis tubo deorsum gradatim attenuato supra ovarium non ventricoso extus sparse puberulo intus glabro, petalis ovato-rotundatis acuminatis obtusiusculis.—*F. splendens*, Benth. Pl. Hart. p. 61, vix Zucc.

Mexico: Cumbre de Totontepeque, alt. 10000 ped., *Hartweg*. (Hb. Kew.)

97. **Fuchsia splendens**, Zucc. (char. emend.).

Tota pubescens, foliis ovato-cordatis, floribus axillaribus longe pedunculatis, calycis tubo lato intus extusque villosulo deorsum vix attenuato supra ovarium ventriculoso, petalis ovato-lanceolatis acutis.

Mexico australis et Guatemala. (Hb. Kew.)

§ 3. *Frutescens, foliis parvis vel mediocribus, floribus parvis vel minutis axillaribus nutantibus, staminibus petalis brevioribus.*

98. **Fuchsia bacillaris**, Lindl. (char. emend.).

Glabrescens, foliis calloso-serrulatis, floribus parvis solitariis geminis ternatisve, calycis lobis patentibus longe apiculatis, petalis ellipticis rotundatisve truncatis vel retusis patentibus.—*Bot. Reg.* t. 1480.

Mexico: ex *Lindley, l. c.* Guatemala: in montibus ignivomis Agua et Fuego, alt. 8000 ped., *Salvin et Godman*. (Hb. Kew.)

99. **Fuchsia minimiflora**, n. sp., tab. nostr. ined. 24. fig. 1.

Puberula, ramis crassiusculis, foliis breviter petiolatis ovatis acutis serrulatis, floribus minus quam 3 lin. longis et diametro, calycis lobis patentibus tubo longioribus longe apiculatis, apiculis in alabastro liberis, stylo breviter exserto, stigmate maximo crasso profunde 4-lobato lobis patentibus.

Mexico australis: Chiapas, *Linden*, 680; *Ghiesbreght*, 730. (Hb. Kew.)

100. **Fuchsia microphylla,** H. B. K. (char. emend.).

Foliis serrulatis, floribus longiuscule pedunculatis circiter 6 lin. longis, calycis tubo lato supra ovarium subito constricto, lobis late ovatis apiculatis, petalis fere rotundatis vel subquadratis apice sæpissime irregulariter dentatis emarginatis vel undulatis, stylo haud exserto 4-lobato.

Mexico australis: in locis variis usque ad 10000 ped. alt., *Hartweg*, 285; *Linden*, 627; *Galeotti*, 3050; *Bourgeau*, 974. Guatemala.

101. **Fuchsia,** sp. (? *F. microphyllæ* var.).

Foliis crassioribus scabridis, floribus puberulis subcarnosis, petalis integris planis.

Guatemala: in monte ignivomo Agua, *Salvin et Godman*, 304. (Hb. Kew.)

102. **Fuchsia mixta,** n. sp., tab. nostr. ined. 24. fig. 2.

Robusta, foliis serrulatis, floribus breviter pedunculatis circiter 7–9 lin. longis, calycis tubo supra ovarium subito constricto, lobis anguste lanceolatis acutis tubo dimidio brevioribus, petalis ellipticis integris vel emarginatis quam lobi calycini multo brevioribus, stylo exserto.

Mexico australis: in cacumine Orizabæ, alt. 10000 ped., *Galeotti*, 3025; *Linden*, 629. Veragua: Chiriqui, *Seemann*, 1226. (Hb. Kew.)

103. **Fuchsia minutiflora,** n. sp., tab. nostr. ined. 24. fig. 3.

Ramis gracillimis, foliis serrulatis, floribus angustissimis circiter 3 lin. longis, calycis tubo deorsum basin versus valde attenuato, lobis lanceolatis acutissimis tubo paulo brevioribus, petalis oblongis obtusis integris quam lobi calycini brevioribus, stylo incluso vel breviter exserto, stigmate maximo profunde 4-lobato.

Mexico australis: in monte Orizaba, alt. 5000 ped., *Linden*, 631; *Müller*, 1550. (Hb. Kew.)

104. **Fuchsia thymifolia,** H. B. K. (char. emend.).

Foliis parvis integerrimis minute molliterque pubescentibus graciliter petiolatis, calycis tubo apice lato deorsum gradatim attenuato, lobis ovatis apiculatis patentibus tubo paulo brevioribus, petalis oblongis ellipticisve undulatis patentibus.—*Nov. Gen. et Sp.* vi. p. 104, t. 535.

Mexico: prope Pazcuaro, alt. 6780 ped., *Humboldt et Bonpland*; Real del Monte, *Coulter*, 176; Mineral del Monte, *Ehrenberg*.

105. **Fuchsia parviflora,** Zucc. non Lindl. (char. emend.).

Foliis oppositis alternisve integerrimis membranaceis, floribus unisexualibus vel polygamis.—*F. cylindracea*, Lindl. Bot. Reg. xxiv. t. 66; *F. encliandra*, Steud.; ? *F. tetradactyla*, Lindl., et *F. acynifolia*, Scheidw.

Mexico et Guatemala: in montibus frequens, *Galeotti*, 3046; *Coulter*, 175; *Linden*, 677; *Hartweg*, 527. (Hb. Kew.)

There are several specimens of *Fuchsia* with unisexual flowers in Hb. Kew., which may be merely varieties of *F. parviflora*, with which they agree in floral characters; or they may prove distinct species; but in the absence of complete material I do not venture to attempt to decide the question. All of them bear either male or female flowers

only; and they differ from typical *parviflora* in the size and texture of their leaves, though not sufficiently from extreme forms of the latter to afford characters whereby they might be distinguished in descriptions.

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106. **Lopezia insignis**, n. sp., tab. nostr. ined. 25.

Herbacea erecta ramosa eglandulosa, foliis parvis lanceolatis, floribus longissime pedunculatis, sepalis petalisque linearibus elongatis, petalis sessilibus, staminibus exsertis ananthero apice limbato, stylo filiformi petalis fere duplo longiore.

Mexico: *Bates*, sine habitatione. (Hb. Kew.)

107. **Microsechium guatemalense**, n. sp., tab. nostr. 26.

Foliis 5-partitis segmentis lateralibus patentibus cæteris duplo triplove brevioribus, racemis masculis plurifloris longe pedunculatis, floribus femininis sessilibus sæpissime geminis, pedunculis quam folia multo brevioribus masculinis coaxillaribus.

Guatemala: in monte ignovomo Fuego, alt. 8300 ped., *Salvin*.

108. **Asteriscium flexuosum**, n. sp., tab. nostr. ined. 27.

Ramis striatis gracilibus foliosis, foliis (caulinis) supremis parvis cuneatis apice 3–5-dentatis subsessilibus, inferioribus latioribus trilobatis longe petiolatis, umbellis paucifloris, petalis magnopere involutis.

Mexico: *Bates*, sine habitatione. (Hb. Kew.)

109. **Oreomyrrhis** (?) **gracilipes**, n. sp., tab. nostr. ined. 28.

Scaposa glabra, foliis petiolatis bipinnatipartitis vel subpinnatis, segmentis alte pinnatifidis, petiolo omnino vaginante, umbellis simplicibus, pedicellis filiformibus, floribus polygamo-monoicis (vel dioicis?), petalis acutis apice inflexis.

Mexico: in montibus Oaxacæ latere occidentali, *Galeotti*, 2753; *Sallé*, sine loco speciali. (Hb. Kew.)

110. **Oreomyrrhis** (?) **planipetala**, n. sp., tab. nostr. ined. 29.

Scaposa glabra, foliis petiolatis pinnatipartitis vel subpinnatis, segmentis palmatipartitis, lobis acutis, petiolo ad medium tantum vaginante, umbellis simplicibus, floribus simulate hermaphroditis, calycis dentibus prominulis, petalis obovatis integris planis.

Mexico: Bolaños, *Hartweg*, 6. (Hb. Kew.)

111. **Oreopanax salvinii**, n. sp., tab. nostr. ined. 30.

Foliis amplis glaberrimis longissime petiolatis semiorbicularibus ad medium 7-lobatis, lobo centrali trifido, lobis lateralibus hinc inde unilateraliter lobatis seu dentatis, floribus capitatis, capitulis racemoso-paniculatis, paniculis amplis terminalibus (?) furfuraceis, ovario biloculari, stylis recurvis.

Guatemala: in monte ignivomo, alt. 7000 ped., *Salvin*. (Hb. Kew.)

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JULY 1879.]

DIAGNOSES

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PARS ALTERA.

AUCTORE

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POLYPETALÆ (*continuatio*).

1. **Ranunculus stolonifer,** n. sp.

Pusillus glaber stolonifer, foliis subintegris radicalibus longe petiolatis, floribus parvis, toro conico, petalis circiter 6 oblongis longe unguiculatis, nectario amplo apice unguis producto, achæniis circiter 20 lævibus subrotundis compressis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 4. (Hb. Kew.)

2. **Delphinium bicornutum,** n. sp.

Foliis palmatim 5-partitis, segmentis latiusculis 3–5-lobatis, floribus circiter pollicaribus, calcari calycino basi distincti bicornuto fere recto sepalis longiore, calcaribus petalinis calcari calycino æquilongis basi tantum tubulosis, petalis lateralibus basi appendiculatis, carpellis 3 immaturis pubescentibus.

Mexico: in regione Oaxacæ, *Ghiesbreyht.* (Hb. Kew.)

3. **Delphinium latisepalum,** n. sp.

Foliis palmatim 5-partitis, segmentis latiusculis semel vel bis lobatis, bracteis linearibus, floribus subvillosis circiter pollicaribus, calcari calycino basi integro leviter curvato sursum spectante sepalis æquali vel breviore, calcaribus petalinis calcari calycino æquilongis basi tantum tubulosis, petalis lateralibus exappendiculatis, carpellis 3 immaturis pubescentibus.

Mexico: in montibus Oaxacæ, alt. 8000–8500 ped., *Galeotti*, 4547. (Hb. Kew.)

4. **Delphinium leptophyllum**, n. sp.

Foliis alte pinnatim 5-partitis, segmentis angustis alte trisectis, lobis ultimis linearibus, floribus sesquipollicaribus, calcari basi integro leviter curvato deorsum spectante sepalis longiore, calcaribus petalinis calcari calycino æquilongis ultra medium tubulosis, petalis lateralibus exappendiculatis, carpellis 3 puberulis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 7. (Hb. Kew.).

5. **Delphinium pedatisectum**, n. sp.

Foliis caulinis pedatisectis, segmentis 7–3 integerrimis, floribus 1–1 $\frac{1}{4}$ poll. longis, calcari calycino basi integro leviter curvato deorsum spectante sepalis longiore, calcaribus petalinis calcari calycino fere tertia parte brevioribus nec ad medium tubulosis, petalis lateralibus basi minute appendiculatis, carpellis 3 immaturis pubescentibus.

Mexico: *Parkinson.* (Hb. Kew.)

6. **Draba popocatepetlensis**, n. sp.

Annua (*Galeotti*) pilosa, radice fusiformi, caule 4–8-pollicari, foliis radicalibus rosulatis creberrimis lineari-lanceolatis vel oblongis nec incrassatis integerrimis, caulinis interdum paucidentatis, floribus parvis flavis dense racemoso-corymbosis, sepalis obovato-rotundatis vel ellipticis extus pilosis flavescentibus, petalis late obovatis breviter unguiculatis sepalis æqualibus vel brevioribus, filamentis filiformibus glabris, ovario ovato-oblongo hirsuto loculis 2–3-ovulatis.

Mexico: in monte Popocatepetl, alt. 12,000 ped., *Galeotti*, 4668; ibidem, *H. Christie.* (Hb. Kew.)

7. **Draba tolucensis**, H. B. K. Nov. Gen. et Sp. v. p. 78.

Descriptio florum: albi conferti circiter 1–1 $\frac{1}{2}$ lin. diametro, sepalis concavis ovato-ellipticis apice rotundatis extus parce pilosulis, petalis obovato-spathulatis integerrimis sepala vix æquantibus quam stamina paulo longioribus, filamentis filiformibus glabris, ovario oblongo pubescente, stylo brevissimo, loculis circiter 6-ovulatis.

Mexico: in monte Tolucæ, 12,000 ped., *Galeotti*, 4665. (Hb. Kew.)

8. **Draba myosotidoides**, n. sp.

Annua (*Galeotti*) erecta ramosa ultrapedalis hispidulo-pilosa, pilis albidis, foliis radicalibus vix crebris lineari-lanceolatis membranaceis integerrimis, caulinis sparsis supremis parvis, racemis laxis elongatis, floribus parvis flavis longiuscule pedicellatis omnibus partibus diu persistentibus, pedicellis demum patentissimis, sepalis oblongo-ellipticis extus sparse pilosis, petalis obovatis longiuscule unguiculatis emarginatis, capsulis immaturis lineari-oblongis utrinque attenuatis 15–20-spermis.

Mexico: in monte Orizabæ, alt. 12,000–13,000 ped., *Galeotti*, 4677. (Hb. Kew.)

9. **Sisymbrium coulteri**, n. sp.

Annuum elatum pilosum, caule crassiusculo vix ramoso parte inferiore dense folioso, foliis caulinis sessilibus amplexicaulibus inferioribus

lyratis intermediis dentatis superioribus integris, racemis valde elongatis, pedicellis quam flores longioribus adscendentibus, floribus parvis albis, siliquis lævibus pedicellis æquilongis polyspermis, seminibus biordinatis minute punctatis, cotyledonibus oblique incumbentibus.

Mexico: in regione San Luis Potosi, alt. 6000-8000 ped., *Parry et Palmer*, 14; sine loco speciali, *Coulter*, 675. (Hb. Kew.)

10. **Sisymbrium palmeri**, n. sp.

Annum erectum 9–12-pollicare cano-stellato-pubescens, foliis confertis obovato-spathulatis lyrato-pinnatifidis undulatis, caulinis superioribus angustioribus lanceolatis basi auriculatis, racemis multifloris elongatis, siliquis glaberrimis subtetragonis rectis vel leviter curvatis adscendentibus quam pedicelli multoties longioribus, seminibus numerosissimis irregulariter biseriatis, cotyledonibus recto-incumbentibus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 13.

Var.? **elatior**.

Tota planta minus pubescens, caule usque tripedali, foliis vix basi auriculatis.

Mexico: in convalle Mexici, *Schaffner*, 21. (Hb. Kew.)

11. **Sisymbrium parryi**, n. sp.

Annuum elatum albo-stellato-pubescens, foliis obovato-oblongis oblanceolatisve remote grosse dentatis, radicalibus petiolatis, caulinis sessilibus amplexicaulibus, racemis valde elongatis multifloris, floribus parvis albis pedicellis brevioribus, siliquis glaberrimis inflatis quam pedicelli haud duplo longioribus, stylo longiusculo, seminibus biseriatis, cotyledonibus recto-incumbentibus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 15. (Hb. Kew.)

12. **Sisymbrium schaffneri**, n. sp.

Annuum elatum ramosum stellato-pubescens, caule ramisque gracilibus, foliis caulinis lineari-lanceolatis remote dentatis vel integris basi attenuatis, racemis numerosis densifloris, floribus (flavis?) minimis brevissime pedicellatis, siliquis teretibus gracilibus quam pedicelli multoties longioribus, seminibus uniseriatis, cotyledonibus incumbentibus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 2; Zimapan, *Coulter*, 680; vicinitate Belen, *Schaffner*, 2. (Hb. Kew.)

13. **Capsella** (§ **Hymenolobus**) **mexicana**, n. sp.

Erecta nana ramosa sparse pilosa, foliis caulinis alte pectinato-pinnatifidis, lobis angustis apice aristatis, floribus minutis dense racemosis breviter pedicellatis, siliqua oblongo-elliptica hispido-pilosa polysperma.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 19. (Hb. Kew.)

14. **Cleome** (§ **Physostemon**) **mexicana**, n. sp.

Annua nana strigillosa, ramis gracilibus, foliis simplicibus linearibus mucronatis, floribus parvis solitariis axillaribus, pedicellis foliis æquilongis, capsulis deltoideis, seminibus 4 rugosis tuberculatis.

Mexico: in colliculis arenosis maritimis Oaxacæ, *Galeotti*, 3194. (Hb. Kew.)

15. **Helianthemum argenteum**, n. sp.

Fruticosum nanum dense ramosum, ramis tenuibus sinuosis, foliis parvis alternis argenteo-pubescentibus lineari-lanceolatis crassiusculis confertis vix patentibus, floribus dimorphis vel fortasse trimorphis longiuscule pedicellatis vel fere sessilibus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 29. (Hb. Kew.)

16. **Helianthemum patens**, n. sp.

Fruticosum nanum diffusum puberulum, ramis gracilibus rectis, foliis parvis appressis omnibus alternis ovato-lanceolatis oblongisve, floribus longe pedicellatis, pedicellis gracilibus patentissimis extra-axillaribus, petalis 5 quorum 2 inæqualiter (an semper?) bilobis, staminibus circiter 12, filamentis filiformibus, seminibus conoideis punctulatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 30. (Hb. Kew.)

17. **Viola flagelliformis**, n. sp.

Caulescens hirsuta, pilis albidis patentibus, caulibus elongatis pedalibus vel ultra, foliis longe petiolatis orbiculari-cordatis remotiuscule crenulatis, stipulis oblique oblongis leviter ciliato-dentatis, floribus flavis mediocribus longe pedunculatis, bracteis supra medium locatis, sepalis lineari-lanceolatis obtusiusculis glabris vel glabrescentibus basi brevissime productis, petalis lateralibus et superioribus conformibus obovatis, inferiore late obcordato brevissime calcarato, antherarum appendicibus brunneis ovato-ellipticis, ovario glabro, stylo clavato glabro basi vix curvato.

Mexico: *Palmer*, 1033. (Hb. Kew.)

18. **Viola barroetana**, Schaffner, MSS. in Hb. Parry.

Acaulescens parva glaberrima vel minutissime papillosa nitida, foliis longe graciliterque petiolatis ovato-oblongis obscure calloso-denticulatis, stipulis scariosis adnatis fimbriatis, pedunculis quam folia longioribus, bracteis scariosis sparse fimbriatis, floribus flavis parvis, petalis obovatis integris 2 lateralibus intus basin versus barbatis, stylo basi curvato clavato, stigmate hirsuto.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 35. (Hb. Kew.)

19. **Viola pteropoda**, n. sp.

Rhizoma elongatum crassiusculum, foliis densissime confertis longe petiolatis ovato-ellipticis vel basi leviter cordatis remotiuscule calloso-serratis brevissime puberulis, petiolo alato, stipulis scariosis ferrugineis

elongatis angustissimis utrinque remote filiformi-lobatis vel laceratis, floribus magnitudine eorum *Violæ odoratæ*, sepalis fere æqualibus lanceolato-oblongis obtusis, petalis oblongo-obovatis integris, calcari brevissimo rotundato, ovario glabro, stigmate late complicato glabro.—*Viola hookeriana*, Seem. Bot. Voy. 'Herald,' p. 269, non H. B. K.

Mexico: in montibus Sierra Madre, *Seemann*, 2144. (Hb. Kew.)

20. **Viola latistipula**, n. sp.

Caulescens, caule brevi gracili, foliis petiolatis reniformibus cordatisve hispidulo-pilosis crenatis, stipulis amplis oblongo-ellipticis ciliatis, floribus albis (?) parvis, sepalis inæqualibus lanceolato-oblongis obtusis albo-marginatis, petalis oblongo-obovatis lateralibus angustioribus oblique semitortis, calcari brevissimo, stylo basi curvato clavato, stigmate leviter hirsuto.

Mexico: Zimapan, *Coulter*, 736. (Hb. Kew.)

21. **Polygala parryi**, A. W. Bennett, MSS.

Fruticosa nana, foliis parvis breviter petiolatis lanceolatis usque orbicularibus integerrimis puberulis, racemis paucifloris, floribus albis, sepalo postico tantum viridi et persistente, sepalis 2 anterioribus discretis albis et alas fere æquantibus, alis obovatis, carina ecristata, petalis lateralibus oblongis carinam excedentibus, capsula orbiculari.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 40. (Hb. Kew.)

22. **Cerastium cuspidatum**, n. sp.

Perenne? albido-pilosum, ramis gracilibus adscendentibus, foliis pallidis membranaceis pellucidis reticulato-venosis vena marginali vel leviter intramarginali ornatis cuspidatis inferioribus obovatis oblanceolatisve superioribus ovato-lanceolatis vel fere oblongis subamplexicaulibus, floribus mediocribus pentameris laxe cymosis, pedicellis gracillimis apice recurvis, sepalis lanceolatis obtusiusculis, petalis bifidis quam sepala paulo longioribus, stylis petalis subæquilongis, capsula leviter curvata sepalis persistentibus appressis duplo longiore 10-dentata, seminibus numerosis compressis.

Mexico: in convalle Mexici, *Schaffner*, 60. (Hb. Kew.)

23. **Arenaria bourgæi**, n. sp.

Ramis debilibus procumbentibus parcissime pilosulis, foliis parvis distantibus lineari-oblongis, floribus solitariis axillaribus pedicellatis, pedicellis quam folia longioribus, sepalis glabris ovato-oblongis vel fere ellipticis margine diaphano-scariosis, petalis obovatis quam sepala duplo longioribus, filamentis filiformibus basi cohærentibus biglandulosis, glandulis prominentibus aurantiacis, capsula polysperma.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 62: in convalle Mexici, *Bourgeau*, 22 et 280. (Hb. Kew.)

24. **Arenaria bryoides**, Willd.

Var. **guatemalensis**, Hemsl.

Foliis arctissime congestis crassis coriaceis valde concavis dorso carinatis basi tantum parcissime ciliolatis, floribus circiter 2 lineas longis, sepalis subcoriaceis concavis basi tantum parcissime ciliolatis, stamini-

bus 10, ovario circiter 5-ovulato, stylis 3, capsula 3-valvi, valvis bifidis, seminibus 1–3 nitidis fusco-atris.

Guatemala: Volcan de Fuego, alt. 13,000 ped., *Salvin et Godman*, 224. (Hb. Kew.)

25. **Arenaria reptans**, n. sp.

Ramosa, ramis tenuibus debilibus reptantibus ad nodos radicantibus angulatis hispidulo-pilosis, foliis parvis obovato-oblongis, floribus solitariis axillaribus longiuscule pedicellatis apetalis, sepalis 5 ovato-oblongis vel lanceolatis obtusis margine scariosis, capsula globosa polysperma.

Mexico: in convalle Mexici, *Schaffner*, 47 et 53. (Hb. Kew.)

26. **Spergularia mexicana**, n. sp.

Nana glabra ramosa, ramis gracillimis divaricatis, foliis angustissimis crassiusculis semiteretibus mucronatis patentibus, stipulis maximis albis scariosis, floribus parvis apetalis, sepalis oblongo-ellipticis uninerviis margine scariosis, staminibus sæpissime 5 interdum pluribus, stylis 3 brevissimis, capsula trivalva, seminibus numerosissimis apteris.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 52. (Hb. Kew.)

27. **Drymaria nodosa**, Engelm. in A. Gray, Pl. Fendl. i. p. 12.

Var.? **gracillima**, Hemsl.

Ramosissima, ramis valde filiformibus glaberrimis ad nodos tumidis, foliis linearibus planis, stipulis subulatis, floribus numerosissimis circiter 1 lin. longis, petalis quam sepala dimidio brevioribus, capsula trivalva, seminibus circiter 6.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 60.

28. **Drymaria palmeri**, n. sp.

Annua diffusa strigilloso-pilosa, ramis angulatis procumbentibus elongatis, foliis breviter petiolatis ovato-rotundatis interdum basi leviter cordatis cuspidatis reticulato-venosis et nervo leviter intramarginali ornatis glabrescentibus crassiusculis, floribus grandiusculis in nodis solitariis sed vere terminalibus, sepalis oblongo-ellipticis quam petala duplo brevioribus, petalis venosis latis profunde bilobatis, lobis divergentibus, staminibus 10, filamentis filiformibus, stylis 3 basi liberis, stigmatibus capitatis, capsula trivalvi calycem superante, seminibus circiter 12 eleganter tuberculatis.

Mexico: sine loco speciali, *Palmer*, 1034, et *Harris*, 20. (Hb. Kew.)

29. **Cerdia glauca**, n. sp.

Cæspitosa glauca, ramis erectis striatis, foliis exstipulatis subulatis apiculatis appressis, floribus pedunculatis solitariis axillaribus, pedunculis quam folia duplo brevioribus bibracteatis, sepalis æqualibus ovato-lanceolatis apiculatis carinatis margine scariosis integris, stamine 1 vel interdum 2, capsula 6–8-sperma.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 63. (Hb. Kew.)

30. **Cerdia congestiflora**, n. sp.

Cæspitosa, ramis adscendentibus, foliis stipulatis subteretibus apiculatis patentibus, pedunculis brevibus sæpissime 4–8-floris, floribus brevissime pedicellatis, sepalis inæqualibus subcarnosis ecarinatis margine fimbriatis, stamine 1, capsula 6–12-sperma, seminibus reniformibus minute reticulatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 63½. (Hb. Kew.)

31. **Calandrinia megarhiza**, n. sp.

Acaulis, radice pergrandi tuberiformi basi pauciramosa, ramis crassis longissimis, foliis congestis linearibus carnosis, pedunculis (an semper?) unifloris quam folia brevioribus, sepalis ovato-lanceolatis apice breviter cucullatis persistentibus capsulam includentibus, seminibus 10–15 lenticularibus atris nitidis estrophiolatis.

Guatemala: Volcan de Fuego, alt. 11,000–12,000 ped., *Salvin*. (Hb. Kew.)

32. **Talinum mexicanum**, n. sp.

Pusillum glaberrimum suffrutescens, caudice brevi crassiusculo subsimplici apice tantum folioso, foliis confertis carnosis linearibus (probabiliter semiteretibus vel triangulatis) acutis, floribus parvis aurantiacis cymosis, cymis paucifloris quam folia duplo triplove longioribus, pedunculis pedicellisque filiformibus, sepalis fere orbicularibus cito deciduis, staminibus 5, capsula globosa vel ovoidea, seminibus numerosis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 69. (Hb. Kew.)

33. **Talinum napiforme**, DC. (char. amplif.).

Suffrutescens glaberrimum, caudice crassissimo tuberiformi brevi apice tantum folioso, foliis confertis carnosis linearibus planis basi dilatatis, floribus albis mediocribus cymosis, cymis laxis paucifloris quam folia triplo longioribus, pedunculis pedicellisque gracilibus, bracteis fere obsoletis, sepalis orbicularibus, petalis oblongo-obovatis, staminibus 5, capsula ovoidea polysperma.—*Prodr.* iii. p. 357: *Calques des Dess. Fl. Mex.* 384.

Mexico: sine loco speciali, *Moçino et Sessé*; in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 70. (Hb. Kew.)

34. **Abutilon amplexifolium**, Hemsl.

Pilosum, ramis teretibus elongatis, foliis cordato-ovatis grosse crenato-dentatis longe acuminatis obtusiusculis, inferioribus longiuscule petiolatis, superioribus breviter petiolatis vel sessilibus et amplexicaulibus, floribus mediocribus pedunculatis solitariis vel 2–3 in axillis foliorum superiorum, calycis lobis ovatis longe acuminatis petalis fere æquilongis, carpellis circiter 12 inflatis.—*Sida amplexifolia*, DC. Prod. i. p. 469; Calques des Dess. Fl. Mex. 73.

Mexico: in convalle Cordovæ, *Bourgeau*, 1512; Orizaba, *Botteri*, 770; inter Veram Crucem et Orizabam, *Mueller*, 1666. (Hb. Kew.)

35. **Abutilon trilobatum**, n. sp.

Longe pilosum et stellato-pubescens, ramis teretibus graciliusculis, foliis graciliter petiolatis membranaceis late cordato-ovatis inæqualiter dentatis lobis lateralibus brevibus, floribus mediocribus solitariis et cymoso-paniculatis, cymis supremis sæpissime unilateraliter evolutis, calycis lobis ovatis longissime subulato-acuminatis unicostatis, petalis lato obcordatis, ovario 5-loculari, loculis sæpissime 5–6-ovulatis, carpellis maturis parvis calyce brevioribus vix rostratis 2–4-spermis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 81. (Hb. Kew.)

36. **Abutilon sidoides**, n. sp.

Dense breviterque pubescens, ramis (vel ? caulibus) crassiusculis rectis, foliis deflexis petiolatis membranaceis cordato-ovatis crenato-dentatis, floribus parvis in cymas axillares pauciflloras breviter pedunculatas dispositis, calycis lobis ovatis acute acuminatis petalis fere æquilongis, ovario sæpissime 8-loculari, stigmatibus capitatis, carpellis maturis calyce longioribus rigide et longiuscule biaristatis sæpissime 3-spermis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 80. (Hb. Kew.)

37. **Abutilon andrieuxii**, n. sp.

Herbaceum, caulibus erectis ramosis crassiusculis glabrescentibus, foliis amplis longe petiolatis albido-velutinis cordato-rotundatis interdum plus minusve distincte trilobatis denticulatis, floribus parvis flavis laxe cymoso-paniculatis, calycis lobis brevibus late ovatis obtusiusculis, petalis obovato-rotundatis, ovario 8–9-loculari, stigmatibus capitatis, carpellis maturis sæpissime 3-spermis quam calyx triplo longioribus apice brevissime cornutis.

Mexico: Tlacolola in ditione Oaxacæ, *Andrieux*, 522. (Hb. Kew.)

38. **Sida lindeniana**, Turcz. (char. emend. et amplif.).

Fruticosa furfuraceo-puberula, foliis amplis longissime petiolatis supra asperulis subtus pallidis profunde palmatim 5-lobatis (vel supremis interdum 3-lobatis), lobis integris vel plus minusve dentatis, floribus albis cymoso-paniculatis, paniculis amplis multifloris ramulis pedicellisque gracilibus, pedicellis paulum infra flores articulatis, calycis lobis ovato-oblongis obtusiusculis, petalis breviter unguiculatis, carpellis numerosis inflatis membranaceis erostratis.—*Sida lindeniana* et *S. ghiesbreghtiana*, Turcz. Bull. Soc. Nat. Mosc. 1858, i, p. 200, et *Abutilon ? ambiguum*, Turcz. *l. c.* p. 202.

Mexico: Vera Cruz, *Linden*, 841, et *Galeotti*, 4107; in convalle Cordovæ, *Bourgeau*, 1501. (Hb. Kew.)

39. **Mortonia palmeri**, n. sp.

Foliis appressis crassis lineari-obovatis vel fere clavatis 6–8 lin. longis mucronatis, floribus dense cymosis, calycis tubo vix costato, lobis rotundatis cuspidatis late diaphano-scariosis, petalis fere orbicularibus integris, fructibus oblongo-cylindricis quam calyx duplo longioribus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 109. (Hb. Kew.)

GAMOPETALÆ.

Rondeletiæ Species Mexicanæ et Centrali-Americanæ adhuc cognitæ.

§ 1. *Flores pentameri, corollæ ore annulo cincto.*

40. **Rondeletia panamensis**, DC. (char. reform.).

Ramis teretibus junioribus villosis, foliis amplis ovato-oblongis ovato-lanceolatisve sparse puberulis minute reticulato-venosis, floribus pentameris villosis breviter pedicellatis trichotomo-cymosis, calycis lobis ovato-lanceolatis acutis, corollæ tubo cylindrico lobis orbicularibus, ore annulo cincto, capsula villosa lobis calycinis coronata, seminibus numerosis alatis.—*DC. Prodr.* iv. p. 408.

R. eriantha, Benth., a Seemannio, Bot. Voy. Herald, p. 136, huc relata, species satis distincta, ab hac differt foliorum venis, calycis lobis, etc.

Panama: *Sutton Hayes*, 183. (Hb. Kew.)

41. **Rondeletia odorata**, Jacq. Amer. p. 59, t. 42.

R. speciosa, Lodd. Bot. Cab. t. 1893.

"Cubæ et Mexici incola," *DC. Prodr.* iv. p. 408, in Cuba communis est, sed exemplaria Mexicana a me non visa.

§ 2. *Flores pentameri, corollæ ore plus minusve villoso.*

A. *Foliis oppositis.*

42. **Rondeletia gratissima**, Hemsl.

Glabrescens, ramis teretibus crassiusculis, foliis valde coriaceis oblongo-ellipticis breviter acuminatis mucronulatis, floribus leviter puberulis pentameris pedicellatis cymoso-corymbosis, corymbis amplis terminalibus hemisphæricis, calycis lobis minutis inæqualibus, corollæ tubo fere cylindrico intus hirsuto, lobis parvis rotundatis planis farinaceis ore dense villoso-barbato.—*Rogiera gratissima*, Planch. Fl. des Serres, t. 1570, 1571; *R. elegantissima*, Regel, Gartenflora, t. 490, in textu *R. gratissima*.

Mexico: Chiapas, *Ghiesbreght* ex *Planchon*.

43. **Rondeletia roezlii**, Hemsl.

"Foliis oblongis (1–4 poll. longis) acuminatis chartaceis (haud crassis); laciniis calycinis lanceolato-linearibus acutiusculis tubo sesquilongioribus; corollæ tubo sursum leviter et sensim ampliato; filamentis supra medium tubi corallini insertis, quam antheræ e fauce semiexsertæ paululum longioribus; polline flavescenti-albido; stylo dimidium tubi parum superante; divisuris stigmaticis linearibus."—*Rogiera roezlii* et (?) *R. elegans*. Planch. Fl. des Serres, v. sub tab. 442.

Guatemala.

44. **Rondeletia stenosiphon**, n. sp.

Ramis quadrangulatis junioribus parce strigulosis, foliis amplis coriaceis late ovato-ellipticis subtus præcipue secus costam strigulosis, stipulis lanceolatis acuminatis, floribus pentameris cano- vel fulvo-tomentosis laxe cymoso-corymbosis brevissime pedicellatis, calycis lobis minutis inæqualibus, corollæ tubo fere filiformi, lobis brevibus oblongis, ore valde squamuloso-villoso.

Mexico: Yucatan et Tabasco, *E. P. Johnson*. (Hb. Kew.)

45. **Rondeletia amœna**, Hemsl.

Ramis teretibus superioribus compressis crassiusculis foliisque plus minusve hirsutis, foliis amplis ovato-ellipticis, stipulis maximis, floribus pentameris pubescentibus cymoso-corymbosis, calycis lobis obovato-oblongis inæqualibus, corollæ tubo superne paulum dilatato, lobis rotundatis, ore villoso, capsula hirsuta, seminibus alatis.—*Rogiera amœna*, Planch. Fl. des Serres, v. (1849), p. et t. 442; *R. menechma*, Planch. *l. c.* et Paxt. Fl. Gard. ii. p. 41, cum icon. xylogr.; *Rondeletia versicolor*, Hook. Bot. Mag. t. 4579; *Rogiera versicolor*, Lem. Jard. Fleur. ii. t. 112: *R. latifolia*, Œrst. in Vidensk. Meddel. 1852, p. 21; *R. rugosa*, Benth. *l. c.*; *R. latifolia*, Dene. in Rev. Hort. 1852, p. 121, t. 7; *R. macrophylla*, Hort.

Nicaragua: Segovia, *Œrsted*; Costa Rica, Cartago, *Œrsted*; Veragua, Boquete, *Seemann*, 1182; *Bridges*. (Hb. Kew.)

46. **Rondeletia intermedia**, n. sp.

Foliis glabrescentibus breviter petiolatis ovato-ellipticis acuminatis obtusis vel subacutis, stipulis amplis reflexis, floribus pentameris cano-pubescentibus laxe cymoso-corymbosis breviter pedicellatis, calycis lobis ovato-oblongis subacutis, corollæ tubo subcylindrico intus squamuloso-villoso, lobis rotundatis, ore squamuloso-villoso.

Mexico: Chiapas, *Linden*, 1659 et 1661; sine loco, *Jurgensen*, 798. (Hb. Kew.)

47. **Rondeletia cordata**, Benth. (char. reform.).

Glabrescens, ramis teretibus vel inflorescentiæ ramulis quadrangulatis, foliis subsessilibus subcoriaceis amplis cordato-oblongis vel cordato-ovatis acuminatis, stipulis foliaceis, floribus pentameris leviter puberulis cymoso-corymbosis pedicellatis, corymbis terminalibus pyramidatis, calycis lobis parvis triangularibus obtusissimis, corollæ tubo crassiusculo intus hirsuto, lobis rotundatis farinaceis, ore villoso-barbato.—*Benth. Pl. Hartw.* p. 85. *Rogiera cordata*, Planch. Fl. des Serres, v. p. 442 A, viii. t. 754.

Guatemala: in præruptis prope urbem Guatemala, *Hartweg*; Volcan de Fuego, 6500 ped., *Salvin*. (Hb. Kew.)

48. **Rondeletia ligustroides**, n. sp.

Ramis elongatis gracillimis, foliis petiolatis ovato-lonceolatis oblongisve insigniter acuminatis obtusis vel acutis, floribus parvis extus sæpissime omnino glabris (sed calyce interdum parce puberulo) pentameris trichotomo-cymosis pedicellatis, cymis parvis ramulis fere filiformibus, calyce minute 5-dentato, corollæ tubo cylindrico, lobis brevibus

rotundatis, ore villoso, capsula parva globosa, seminibus lenticularibus punctatis.

Mexico: Orizaba, *Botteri*, 474, 951, et 971; *Mueller*, 969 et 1308; *Bourgeau*, 2622 et 2518. (Hb. Kew.)

49. **Rondeletia nicaraguensis**, Erst.

"Ramis teretibus puberulis, foliis brevissime petiolatis oblongis coriaceis supra hirsutiusculis violaceo-viridibus subtus villosiusculis pallidis, cymis lateralibus contractis, calycis laciniis tubo longioribus acutiusculis, corollæ pentameræ villosissimæ tubo supra medium ampliato. Folia 2 poll. longa, $1\frac{1}{2}$ poll. lata, petiolis 2–3-linearibus; nervis primariis distinctis parallelis, secundariis vix ullis. Stipulæ 3–4 lin. longæ acuminatæ hirsutæ, corollæ 5 lin. longæ."—*Œrsted in Vidensk. Meddel.* 1852, p. 21.

B. *Foliis ternatim verticillatis.*

50. **Rondeletia strigosa**, Hemsl.

Ramis teretibus rigidis corrugatis trichotomis, foliis subsessilibus ternatim verticillatis lanceolato-ovatis valde acuminatis acutis strigillosis, floribus pentameris paucis ad apices ramulorum congestis, calycis lobis lineari-lanceolatis acutis quam tubus corollinus dimidio brevioribus, corollæ tubo leviter strigilloso fere cylindrico, lobis obovato-spathulatis, ore flavo-villoso, capsula globosa.—*Bouvardia strigosa*, Benth. Pl. Hartw. p. 75.

Guatemala: Zunil, *Hartweg*: Volcan de Fuego, 6000–6400 ped., *Salvin*. (Hb. Kew.)

§ 3. *Flores tetrameri, corollæ ore nec annulo cincto nec villoso-barbato.*

A. *Floribus plus minusve arachnoideo-pubescentibus cymosis, cymis saepissime in paniculas angustas elongatas spiciformes dispositis, interdum capitiformibus.*

51. **Rondeletia villosa**, n. sp.

Novellis plus minusve villosis, foliis membranaceis amplis oblongo-ellipticis discoloribus subtus incanis, floribus parvis tetrameris canosericeis et strigillosis sessilibus vel brevissime pedicellatis in cymas paucifloras aggregatis, cymis breviter pedunculatis in paniculas elongatis spiciformes dispositis, calycis lobis oblongis obtusis inæqualibus tubo longioribus, corollæ tubo tenui, lobis rotundatis undulatis, ore nudo, capsula subglobosa, seminibus angulatis punctulatis.

Mexico: San Pedro Nolasco. etc., *Jurgensen*, 806; Tabasco, *Linden*, 145; Trapiche de la Concepcion, *Liebmann*, 70. (Hb. Kew.)

52. **Rondeletia laniflora**, Benth. (char. reform.)

Foliis amplis lanceolato-oblongis ellipticisve utrinque attenuatis supra glabris subtus incanis, floribus tetrameris extus arachnoideo-pubescentibus anguste cymoso-paniculatis brevissime pedicellatis, calycis lobis brevibus valde inæqualibus, corollæ tubo angusto superne paullo dilatato, lobis brevibus suborbicularibus undulatis, ore nudo, capsula hirsuta oblonga, seminibus numerosissimis angulatis punctulatis.—*Benth. Pl.*

Hartw. p. 85. *Arachnothryx laniflora*, Planch. Fl. des Serres, v. p. 442.

Mexico: Orizaba, *Bourgeau*, 2618; Sierra San Pedro, etc., *Jurgensen*, 918; Orizaba, *Botteri*, 1016 et 1071.

Guatemala: Las Nubes, *Hartweg*. (Hb. Kew.)

53. **Rondeletia affinis**, n. sp.

Foliis lanceolato-oblongis utrinque valde attenuatis discoloribus subtus cano-pubescentibus, floribus parvis tetrameris pubescentibus cymoso-confertis sessilibus vel brevissime pedicellatis, cymis breviter pedunculatis in paniculas spiciformes dispositis, calycis lobis oblongis obtusis inæqualibus reflexis, corollæ tubo brevi superne paulo dilatato, lobis rotundatis undulatis, ore nudo, ovario lanato, capsula parva glabra oblonga, seminibus minutis numerosissimis.

Mexico: Chiapas, *Ghiesbreght*, 686; Sierra de Zongolica, *Botteri*, 1017.

Costa Rica: *Endres*, 226.

Panama: Veragua, *Seemann*, 1594. (Hb. Kew.)

54. **Rondeletia capitellata**, n. sp.

Strigilloso-pilosa, ramis teretibus vel infra nodos tetragonis, foliis membranaceis lanceolato-oblongis utrinque attenuatis nervis lateralibus subtus prominentibus, floribus parvis tetrameris subsessilibus sæpe capitellatis, capitellis breviter pedunculatis in paniculas angustas terminales dispositis, calycis lobis ovato-oblongis obtusis reflexis, corollæ tubo gracili, lobis rotundatis undulatis, ore nudo.

Mexico: sine loco speciali, *Jurgensen*, 355 et 376; Joya, Oaxaca, *Liebmann*, 202. (Hb. Kew.)

55. **Rondeletia buddleoides**, Benth. (char. reform.).

Ramis teretibus gracilibus glabris, foliis lanceolatis acuminatis acutis discoloribus supra nitidis subtus albo-tomentosis, floribus parvis tetrameris plus minusve albo-tomentosis sessilibus cymoso-paniculatis, paniculis angustis thyrsoideis terminalibus, calycis lobis parvis inæqualibus lineari-oblongis obtusis, corollæ tubo gracili, lobis rotundatis, ore nudo, capsula subglobosa minus quam 2 lin. diametro.—*Benth. Pl. Hartw.* p. 69. *Arachnothryx buddleoides*, Planch. Fl. des Serres, v. p. 442.

Guatemala: Llano Verde, *Hartweg*. (Hb. Kew.)

56. **Rondeletia dubia**, Hemsl.

Ramis supremis subtetragonis, foliis petiolatis ovatis junioribus supra dense pubescentibus subtus albo-lanatis, floribus lanatis tetrameris dense cymoso-corymbosis, corymbis interdum capituliformibus, calycis lobis lineari-lanceolatis acutis vel obtusis tubo longioribus, corollæ tubo cylindrico vel sursum leviter dilatato, lobis oblongo-rotundatis undulatis, ore nudo.—*Bouvardia discolor*, Hook. et Arn. Bot. Beech. Voy. p. 428, non *Rondeletia discolor*, H. B. K.

Mexico: Sierra Madre, *Seemann*, 2057; inter Tehuantepec et Boca del Monte, *Andrieux*, 334. (Hb. Kew.)

57. **Rondeletia leucophylla**, H. B. K. (char. reform.).

Ramis teretibus gracilibus, foliis membranaceis lineari-lanceolatis

acutis discoloribus subtus cano-lanatis, floribus tetrameris lanatis breviter pedicellatis dense cymoso-corymbosis, corymbis terminalibus axillaribusve pedunculatis sæpe capitiformibus, calycis lobis lineari-lanceolatis acutis, corollæ tubo gracili cylindrico, lobis rotundatis planis, ore nudo.—*H. B. K. Nov. Gen. et Sp.* iii. p. 395, t. 290. *Arachnothryx leucophylla*, Planch. Fl. des Serres, v. p. 442.

Mexico: inter alto del Peregrino et flumen Papagallo, *Humboldt et Bonpland*; Guatulco, *Liebmann*, 30; sine loco speciali, *Jurgensen*, 149. (Hb. Kew.)

58. **Rondeletia elongata**, Bartl.

"Foliis elliptico-oblongis utrinque acuminatis, supra pubescentibus, subtus albido-tomentosis demum calvescentibus, stipulis lanceolatis petiolos æquantibus, paniculis terminalibus longe pedunculatis, floribus congestis, lobis calycinis linearibus tubo corollino triplo brevioribus."—*DC. Prodr.* iv. p. 409. *Arachnothryx elongata*. Planch. Fl. des Serres, v. p. 442.

Mexico: Acapulco.

59. **Rondeletia nitida**, n. sp.

Ramis gracilibus, foliis discoloribus subtus incanis supra nitidis, lanceolatis, stipulis ovato-lanceolatis longe acuminatis, floribus cymoso-paniculatis cano-ramentaceis tetrameris, paniculis paucifloris, calycis lobis inæqualibus orbiculari-oblongis, corollæ tubo cylindrico, lobis orbicularibus undulatis, ore nudo.

Mexico: Chiapas, *Linden*, 1660: *Ghiesbreght*, 728. (Hb. Kew.)

B. *Floribus glabris vel saltem haud arachnoideo-pubescentibus, inflorescentia varia, sed non anguste paniculata.*

60. **Rondeletia jurgenseni**, n. sp.

Foliis petiolatis membranaceis ovato-lanceolatis acuminatis glabris ad apices ramulorum confertis, floribus glabris tetrameris cymosis, cymis axillaribus et terminalibus paucifloris, calycis lobis lincaribus obtusis, corollæ tubo gracili sursum leviter ampliato intus puberulo, lobis rotundatis undulatis, ore nudo.

Mexico: sine habitatione, *Jurgensen*, 248. (Hb. Kew.)

61. **Rondeletia scabra**, n. sp.

Ramis teretibus junioribus hispido-pilosis, foliis ovato-oblongis utrinque attenuatis acutis supra scabridis subtus præcipue in nervis lateralibus prominentibus hispido-pilosis, floribus tetrameris strigillosis breviter pedicellatis in cymas breviter pedunculatas subtrifloras dispositis, calycis laciniis lanceolato-subulatis corollæ æquilongis, corollæ tubo cylindrico, lobis rotundatis, ore nudo.

Mexico: Sierra San Pedro Nolasco, etc., *Jurgensen*, 926. (Hb. Kew.)

62. **Rondeletia linguiformis**, n. sp.

Ramis glaberrimis teretibus, foliis glaberrimis ovato-oblongis acuminatis, stipulis magnis obovato-spathulatis vel linguiformibus, floribus sericeis tetrameris dense hemisphærico-corymbosis subsessilibus, corym-

bis multifloris, calycis lobis inæqualibus, corollæ lobis farinosis subquadratis, capsula globosa polysperma, seminibus angulatis.

Guatemala: sine loco speciali, *Skinner*. (Hb. Kew.)

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63. **Placocarpa mexicana**, Hook. f.

Frutex ramosissimus glaberrimus, ramis brevibus tortuosis. Folia opposita breviter petiolata vel fere sessilia creberrima subcoriacea lanceolata oblonga vel obovata 4–8 lin. longa acuta vel obtusa basi valde attenuata subtus interdum glauca. Flores tetrameri breviter pedicellati axillares vel terminales solitarii vel pedunculis trifloris. Calycis lobi obovato-spathulati obtusi coriacei persistentes. Corolla infundibuliformis lente curva 5–8 lin. longa, lobis brevibus rotundatis subinæqualibus. Fructus obovatus a latere compressus lobis calycinis coronatus bilocularis, loculis unispermis.—*Hook. f.* (descrip. amplif.) *in Benth. et Hook. Gen. Pl.* ii. p. 107.

Mexico: Orizaba, *Botteri*, 316 et 913, *Bourgeau*, 3022. (Hb. Kew.)

64. **Manettia zimapanica**, n. sp.

Ramis gracilibus teretibus junioribus puberulis, foliis breviter petiolatis ovato-lanceolatis acuminatis acutis sparse puberulis glabrescentibus venis lateralibus apicem versus excurrentibus, pedunculis terminalibus 3–5-floris, floribus pedicellatis, calycis lobis elongatis lineari-subulatis obscure serrulatis, corolla tubulosa.

Mexico: Zimapan, *Coulter*, 203. (Hb. Kew.)

65. **Alseis blackiana**, n. sp.

Glabrescens, ramis teretibus, foliis leviter puberulis et subtus in axillis venarum barbatis obovato-oblongis utrinque attenuatis obtusiusculis, floribus hermaphroditis dimorphis supremis staminibus inclusis inferioribus longe exsertis, calyce subinæqualiter 5-dentato, dentibus triangularibus, corolla glabrescente breviter 5-dentata, dentibus rotundatis, filamentis basi ad medium squamuloso-barbatis, ovario puberulo multiovulato.

Panama: in sylvis densis, *Sutton Hayes*, 665. (Hb. Kew.)

66. **Hoffmannia cauliflora**, n. sp.

Ramis crassiusculis, foliis amplis in apices ramulorum confertis junioribus præcipue subtus puberulis ovato-ellipticis basi in petiolum brevissimum attenuatis, floribus tetrameris glabris pedicellatis in trunco ramisque infra folia cymoso-fasciculatis, cymis plurifloris ramulis pedicellisque gracilibus ebracteatis, corolla tubuloso-infundibuliformi pollicari lobis tubo multoties brevioribus, ovario 3–4-loculari.

Guatemala, *Skinner*. (Hb. Kew.)

67. **Hoffmannia lenticellata**, n. sp.

Fruticosa, ramis teretibus crassiusculis minute et densissime lenticellatis, foliis crassiusculis ovato-oblongis vel obovatis acuminatis obtusis subtus sparse farinaceis, petiolo nec non costa lenticellatis, floribus parvis glabris tetrameris longiuscule pedicellatis fasciculato-cymosis, cymis densis brevibus ebracteatis, ramulis gracilibus, calycis limbo brevissime

4-dentato vel fere truncato, corollæ lobis ovato-oblongis obtusis quam tubus subduplo longioribus, fructu baccato biloculari, seminibus numerosis minutis angulatis punctulatis.

Mexico: Orizaba, *Botteri*, 974, *Bourgeau*, 2992; Jalapa, *Linden*, 1. (Hb. Kew.)

68. **Hoffmannia strigillosa**, n. sp.

Fruticosa, ramis elongatis compressis glabris, foliis oppositis longe petiolatis membranaceis ovato-oblongis subtus præcipue in venis strigillosis, floribus tetrameris glabris pedicellatis, calycis lobis oblongis obtusis interdum inæqualibus, corollæ lobis linearibus quam tubus paullo longioribus, ovario biloculari.

Mexico, *Sallé*. (Hb. Kew.)

69. **Hoffmannia affinis**, n. sp.

Fruticosa novellis puberulis, ramis teretibus, foliis subcoriaceis ovato-oblongis acuminatis obtusiusculis, floribus puberulis tetrameris umbellatim cymosis, cymis ad nodos fasciculatis, calycis limbo distincte 4-dentato, dentibus rotundatis, corollæ tubo latiusculo lobis breviore, ovario biloculari.

Costa Rica, *Endres*. (Hb. Kew.)

70. **Portlandia mexicana**, Hemsl.

Glaberrima, ramis teretibus vel obsolete angulatis, foliis confertis crasse coriaceis nitidis oblongis, floribus amplis axillaribus solitariis breviter pedunculatis, calycis lobis lineari-oblongis acutiusculis persistentibus, corolla late infundibuliformi, lobis triangulari-rotundatis, staminibus inclusis, capsula turbinata, seminibus numerosissimis minute granulatis.—? *Coutarea mexicana*, Zucc. et Mart., DC. Prodr. iv. p. 350.

Mexico: Zimapan, *Coulter*, 225. (Hb. Kew.)

71. **Deppea pubescens**, n. sp.

Pubescens, ramis teretibus, foliis ovato-lanceolatis, floribus tetrameris pedicellatis cymosis, cymis di- trichotomis foliis æquilongis ramulis filiformibus, calyce ecostato, corolla rotata 2–3 lin. diametro, capsula pubescente oblonga.

Mexico: Santa Gertrudis, *Liebmann*, 65. (Hb. Kew.)

72. **Deppea floribunda**, n. sp.

Glabrescens, novellis sparse puberulis, internodiis longiusculis, foliis pro genere magnis longe petiolatis membranaceis nitidis lanceolato-oblongis longe acuminatis basi valde attenuatis, floribus tetrameris pedicellatis cymosis, cymis amplis multifloris terminalibus axillaribusque, calycis tubo 8-costato, corollæ lobis ovato-oblongis obtusis quam tubus duplo longioribus, capsula clavato-pyriformi, seminibus minutis punctulatis.

Mexico: Orizaba, *Botteri*, 937 et 894 ex parte; Cordillera Veræ Crucis, alt. 4000 ped., *Galeotti*, 7008; Chiapas, *Ghiesbreght*, 515. (Hb. Kew.)

73. **Deppea umbellata**, n. sp.

Ramis teretibus gracillimis junioribus puberulis, foliis petiolatis mem-

branaceis puberulis ovato-lanceolatis acuminatis, floribus tetrameris minimis pedicellatis umbellatim cymosis, cymis pedunculatis axillaribus quam folia multoties brevioribus ebracteatis, pedunculis pedicellisque fere filiformibus, corolla rotata, capsula turbinata 8-costata, seminibus minutis, testa laxa.

Mexico: Orizaba, *Botteri*, 894 ex parte, *Bourgeau*, 2428; Mirador, *Liebmann*, 64. (Hb. Kew.)

74. **Exostemma coulteri**, Hook. f. MSS. in Hb. Kew.

Glabrum, ramis gracilibus teretibus, foliis confertis coriaceis nitidis ovato-oblongis acuminatis acutis basi cuneatis, floribus parvis cymoso-corymbosis brevissime pedicellatis, cymis paucifloris terminalibus, calycis dentibus subulatis persistentibus, corolla fere cylindrica brevissime lobata, lobis rotundatis vix patentibus, staminibus inclusis, capsula oblonga dentibus calycinis coronata, seminibus utrinque alatis.

Mexico: Zimapan, *Coulter*, 209. (Hb. Kew.)

75. **Diodia tetracocca**, Hemsl.

Perennis nana ramosa, ramis graciliusculis puberulis, foliis coriaceis lineari-lanceolatis apice sparse ciliatis, floribus solitariis vel geminis, lobis calycinis sæpissime 4 ciliatis corollam æquantibus, stylo quadrifido breviter exserto, fructu tetracocco.—*Spermacoce? tetracocca*, Mart. et Gal. Bull. Acad. Brux. xi.

Mexico: prope Cuernavacam, *Schaffner*, 32; Morelia, alt. 7000 ped., *Galeotti*, 2587; Real del Monte, *Coulter*, 197. (Hb. Kew.)

76. **Elæagia auriculata.**

Ramis crassis tetragonis, foliis puberulis amplis late ellipticis basi auriculatis, floribus pedicellatis racemoso-paniculatis, paniculis laxis amplis, ramis lateralibus patentibus, corolla alte 5-partita squamuloso-barbata, limbi segmentis recurvo-revolutis, filamentis infra medium squamuloso-barbatis, stylo bifido ramulis crassiusculis.

Costa Rica: alt., 4500 ped., *Endres*, 95. (Hb. Kew.)

77. **Chionolæna corymbosa**, n. sp.

Suffruticosa, ramis adscendentibus crassis dense foliosis, foliis rigidis sessilibus lineari-lanceolatis mucronatis margine revolutis supra glabris subtus primum argenteis arachnoideo-tomentosis, capitulis 12-18 corymbosis, corymbis axillaribus vel terminalibus, ramulis albo-tomentosis.

Mexico: Sierra Madre, *Seemann*, 1994. (Hb. Kew.)

78. **Pluchea auriculata**, n. sp.

Caulis vel ramis subsimplicibus crassiusculis sulcatis strigosis, foliis sessilibus lanceolatis vel oblongis mucronatis calloso-serratis basi auriculatis scabridis, capitulis paucis grandiusculis pedunculatis, involucri bracteis linearibus acutis pluriseriatis scabridis, floribus numerosissimis, pappo corollæ æquilongo, achæniis pubescentibus.—*P. subdecurrens*, Benth. Pl. Hartw. p. 17, nec Cass.

Mexico: Guanaxuato, *Hartweg*. (Hb. Kew.)

79. **Pluchea floribunda**, n. sp.

Perennis, caulibus subsimplicibus erectis crassiusculis sulcatis primum

arachnoideo-tomentosis, foliis petiolatis lanceolato-oblongis acutiusculis calloso-serratis supra scabridis subtus ferrugineo- vel albido-tomentosis, capitulis parvis numerosissimis paniculatis, pedunculis brevibus bracteatis, involucri bracteis linearibus tenuibus pauciseriatis.

Mexico: Mirador, "flores albi," *Linden*, 1171; "flores flavescentes," *Galeotti*, 2308. (Hb. Kew.)

80. **Decachæta seemanni.**

Suffruticosa ramosa, ramis gracilibus junioribus puberulis, foliis parvis obovato-spathulatis vel interdum fere ovatis inciso-crenatis, capitulis 6–12-floris, involucri bracteis obtusis, pappi paleis 5 longe aristatis. —*Benth. et Hook. Gen. Pl.* ii. p. 239, sine descriptione exacta.

Mexico: Cerro de Pinal, *Seemann*, 1467; Sierra Madre, *Seemann*, 2043. (Hb. Kew.)

81. **Lagascea heteropappus, n. sp.**

Foliis ovato-oblongis acutis integris vel obscure denticulatis subtrinerviis supra scabridis subtus sericeo-villosis, capitulis aggregatis sessilibus unifloris, involucro inæqualiter dentato longe sericeo-villoso quam flores pubescentes dimidio breviore, achæniis glabris, pappi paleis inter se valde dissimilibus.

Mexico: sine loco speciali, *Parkinson*. (Hb. Kew.)

82. **Lagascea biflora**, n. sp.

Foliis ovato-lanceolatis obscure denticulatis, capitulis numerosis aggregatis pedunculatis sæpissime bifloris, floribus glabris ex involucro villoso longiuscule exsertis, pappi paleis æquilongis brevissime fimbriatis.

Mexico: sine loco speciali, *Parkinson*. (Hb. Kew.)

83. **Lagascea decipiens**, n. sp.

Foliis late ovatis subtrinerviis distincte crenato-calloso-dentatis, capitulis numerosissimis aggregatis subsessilibus unifloris, floribus puberulis ex involucro villoso subæqualiter dentato vix exsertis, achæniis glabris, pappi paleis æquilongis longiuscule fimbriatis.—*L. mollis*, Seemann, Bot. Voy. 'Herald,' p. 298, non Cav.

Mexico: Sierra Madre, *Seemann*, 2056. (Hb. Kew.)

84. **Zaluzania coulteri**, n. sp.

Ramis crassiusculis sulcatis, foliis amplis ovatis ellipticis vel fere rotundatis denticulatis, capitulis corymbosis, corollis ligulatis latis sæpissime 11–13-nerviis extus puberulis, corollis tubulosis basi inflatis, receptaculi paleis amplis complanatis hirsutis.

Mexico: Real del Monte, *Coulter*, 350. (Hb. Kew.)

85. **Gutierrezia coulteri**, n. sp.

Annua (?) erecta stricta glabra, caule ramisque gracillimis sulcatis, foliis sparsis linearibus, capitulis solitariis terminalibus, involucri bracteis scariosis, receptaculo conico foveolato, pappi paleis radii et disci conformibus brevibus fimbriatis, achæniis pubescentibus.

Mexico: Zimapan, *Coulter*, 315. (Hb. Kew.)

86. **Psilactis brevilingulata**, Schz. Bip. MSS. in Hb. Kew.

Annua erecta puberula superne ramosa, caule ramisque teretibus striatis, foliis scabris rigidis linearibus interdum remote dentatis, capitulis parvis, radii floribus brevissimis, pappo quam corolla disci breviore e setis circiter 20 æqualibus.

Mexico: prope Tacubayam, *Schaffner*. (Hb. Kew.)

87. **Galinsoga filiformis**, n. sp.

Annua erecta ramosa, ramis pedunculisque glabris filiformibus, foliis parce pilosulis remote denticulatis, radicalibus oblongis, caulinis lanceolatis linearibusve, capitulis parvis, receptaculo elongato, paleis angustissimis, floribus disci numerosissimi, pappi paleis sæpissime 10 fimbriatis alternis truncatis alternis setaceo-aristatis.

Mexico: Cerro de Pinal, *Seemann*, 1473. (Hb. Kew.)

88. **Vaccinium brachystachyum**, Benth.

Fruticosum humile dense ramosum, foliis parvis confertis valde coriaceis breviter petiolatis ovato-oblongis vel ellipticis acutis vel obtusis serrulato-crenatis, floribus sæpissime tetrameris octandris, filamentis hirsutis.—*Benth. Pl. Hartw.* p. 6, *V. confertum*, Benth. *l. c.* p. 140, vix H. B. K., quod flores pentameros decandros habet.

Mexico: in montibus Carmen, *Hartweg*; in montibus prope fodinas Arcoale, *Graham*.

Guatemala: Volcan de Fuego, alt. 12,000 ped., *Salvin et Godman*. (Hb. Kew.)

89. **Uroskinnera hirtiflora**, n. sp.

Foliis oblongo-ellipticis arctissime serrulatis, floribus longe racemosis distincte pedicellatis, calyce 5-dentato, dentibus linearibus tubo lato fere æquilongis, corolla angusta extus omnino et intus circa staminum insertionem hirsuta, filamentis plus minusve hirsutis, capsula polysperma.

Mexico: in rupibus montium orientalium Oaxacæ, alt. 2500 ped., *Galeotti*, 1040; Sierra San Pedro Nolasco, etc., *Jurgensen*, 642, 842, et 936. (Hb. Kew.)

90. **Ipomæa** (§ **Quamoclit**) **lutea**, n. sp.

Glabra, foliis longissime petiolatis late cordatis acuminatis apiculatis margine undulatis remote et obscure denticulatis, pedunculis quam folia longioribus 3–9-floris, sepalis late rotundatis emarginatis dorso longe cornutis, corolla lutea curvata fauce tubo constricto, staminibus styloque longe exsertis.

Guatemala: sine habitatione, *Salvin et Godman*. (Hb. Kew.)

91. **Bourreria formosa**, Hemsl.

Ramis angulatis junioribus foliisque puberulis, foliis longiuscule petiolatis subcoriaceis lanceolato-oblongis ovato-oblongisve acutiusculis integris supra nitidis, floribus albis odoratis cymoso-corymbosis circiter 1 poll. diametro, corymbis multifloris, calyce campanulato coriaceo intus cano-sericeo, corollæ subcarnosæ tubo brevi, lobis orbicularibus patentibus, filamentis basi hirsutis, stylo alte bifido, stigmatibus capitatis.—*Ehretia formosa* et *β. oaxacana*, A. DC. Prodr. ix. p. 501; *Crematomia*

formosa, Miers, Contrib. Bot. ii. p. 251; ? *Beurreria grandiflora*, Bertol. Fl. Guat. p. 10, nec Grisebach, Cat. Pl. Cub. p. 209, nec Poir.; *Ehretia guatemalensis*, A. DC. Prodr. ix. p. 507; *Crematomia guatemalensis*, Miers, *l. c.* p. 245.

Mexico: Sierra San Pedro Nolasco, *Jurgensen*, 710; Tehuantepec, Oaxaca, *Galeotti*, 201.

Guatemala: Ciudad Vieja, *Salvin*. (Hb. Kew.)

GODMANIA

(*Bignoniacearum novum genus*).

Calyx hemisphæricus, 5-dentatus, dentibus brevibus obtusis. Corolla campanulata, ventricosa, intus barbata; limbus subbilabiatus, lobis latis rotundatis parum inæqualibus patentibus vel recurvis. Stamina 4, didynama, inclusa, prope basin corollæ inserta; antheræ pilosulæ, loculis oblongis divergentibus; filamenta filiformia. Staminodium capitatum. Discus annularis, integer. Ovarium subsessile; ovula in quaque placenta pluriseriata. Capsula cylindracea, circiter tripedalis, longitudinaliter 16-costata, loculicide dehiscens, valvis coriaceis, septo crasso tereti. Semina uniseriatim affixa, plano-compressa, utrinque longissime alata, alis hyalinis tenuissimis. Arbor patula, 15–20-pedalis. Folia opposita, digitatim 7-foliolata, foliolis petiolulatis integris. Flores parvi, numerosi, densiuscule corymbosi.

92. **Godmania macrocarpa**, n. sp.

Puberula, ramulis floriferis crassiusculis, foliis longe petiolatis, foliolis obovato-oblongis acuminatis obtusis integerrimis glabrescentibus sæpius utrinque præcipue secus medium glandulosis, flores albidi intus roseo guttati.—*Cybistax macrocarpa*, Benth., Benth. et Hook. Gen. Pl. ii. p. 1043.

Panama: in sylvis prope urbem Panamæ, *Sutton Hayes*, 61. (Hb. Kew.)

93. **Ruellia bourgæi**, n. sp.

Fruticosa pubescens, ramis tetragonis crassiusculis elongatis, foliis amplis late ovatis acuminatis acutis dentatis, floribus speciosissimis pedunculatis in axillis bractearum et foliorum superiorum solitariis basi bibracteolatis, calyce profunde 5-partito, segmentis lineari-oblongis obtusis vel acutiusculis, corolla basi cylindrico-tubulosa infra medium subito oblique ventricoso-inflata, limbi lobis latis rotundatis, staminibus styloque longe exsertis, ovarii loculis multiovulatis.

Mexico: in montibus convallis Mexici, *Bourgeau*, 885. (Hb. Kew.)

94. **Jacobinia aurea**, Hemsl.

Fruticosa puberula, ramis subtetragonis sæpissime crassiusculis, foliis valde variabilibus lamina sæpissime amplissima et in petiolo longo decurrente, thyrso sæpissime maximo denso multifloro, floribus aureis, corolla angusta alte bilabiata, labio postico integro complicato incurvo

staminibus subæquilongo, labio antico plus minusve trifido.—*Cyrtanthera aurea*, Nees, DC. Prodr. xi. p. 329 ; *C. catulpæfolia*, Nees, in Hook. Bot. Mag. t. 4444 ; *C. densiflora*, Œrst. in Vidensk. Meddel. 1854, p. 147 ; ? *C. umbrosa*, Nees, in DC. Prodr. xi. p. 329.

Mexico : Guatemala, Costa Rica. (Hb. Kew.)

95. **Paronychia mexicana**, n. sp.

Omnino pilosula, ramis ad nodos tumidis, foliis confertis lineari-lanceolatis vel oblanceolatis longe apiculatis, stipulis foliis fere æquilongis, floribus parvis fasciculatis brevissime pedicellatis, perianthio brevissime tubuloso laciniis subcarnosis oblongis brevissime apiculatis, staminodiis nullis, seminibus sphæroideis lævibus nitidis.

Mexico : in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 65. (Hb. Kew.)

96. **Achyronychia parryi**, n. sp.,

Glabra glauca, ramis gracilibus, foliis lineari-lanceolatis vel oblongis apiculatis, stipulis scariosis amplis, floribus minutis in axillis foliorum fasciculatim cymosis, perianthii subcarnosi tubo turbinato, lobis oblongo-ellipticis late scarioso-marginatis tubo subæquilongis, staminibus 5 valde perigynis staminodiis oblongis alternantibus, ovario 2–4-ovulato.

Mexico : in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 53. (Hb. Kew.)

97. **Anthurium** (§ **Pachyneurium**) **salviniæ**, n. sp.

Acaule, foliis amplis petiolatis coriaceis epunctatis oblanceolato-oblongis basin versus leviter attenuatis basi rotundatis, venis utrinque circiter 11 patentissimis arcuatim in marginem excurrentibus vel supremis in pseudoneurum junctis, pedunculis teretibus graciliusculis quam folia longioribus, spatha brunneo-purpurea anguste lanceolata quam spadix lilacinus longiore.

Guatemala : Volcan de Fuego, alt. 3800 ped., *Salvin*. (Hb. Kew.)

98. **Anthurium** (§ **Cardiophyllum**) **fraternum**, Schott (char. amplif.).

Scandens, foliis longe petiolatis elongato-cordiformibus (sine petiolo usque pedalibus) sursum gradatim attenuatis acuminatis basin versus leviter angustatis, auriculis elongato-semiorbicularibus, sinu parabolico ore angustiore, venis lateralibus 11–13 præter 3 inferiores auricularum in pseudoneurum continuum unitis, pedunculis foliis subæquilongis, spatha alba ovato-oblonga abrupte cuspidato-acuminata quam spadix roseus longiore.

Guatemala : Volcan de Fuego, 3800 ped., *Salvin* ; New Granada. (Hb. Kew.)

99. **Anthurium** (§ **Cardiophyllum**) **montanum**, n. sp.

Scandens, foliis longe petiolatis elongato-cordiformibus sursum gradatim attenuatis, auriculis suborbicularibus, sinu auriculis angustiore rotundato, ore vix constricto, auricularum venis 2 excurrentibus reliquis (utrinque 9–11) parum prominentibus in pseudoneurum continuum

unitis, pedunculis foliis subæquilongis, spatha ovata luteo-viridi basi dilatata amplexa quam spadix longiore.

Guatemala: Volcan de Fuego, alt. 8300 ped., *Salvin*. (Hb. Kew.)

100. **Philodendron affine**, n. sp.

Repens radicans, foliis tripartitis basi cordatis, segmentis lateralibus minoribus falcatis et adscendentibus vel interdum ovatis et divaricatis seu deflexis sinibus apertis rotundatis, segmento intermedio oblongo-lanceolato acuminato, petiolo tereti quam lamina longiore, spatha pedunculata quam folia triplo breviore medio constricta, extus cæruleo-viridi roseo tincta, intus sanguinea margine viridi-flava, spadice albido-flavescente.

Guatemala: Barranca Honda, Volcan de Fuego, 3800 ped., *Salvin*. (Hb. Kew.)

Enumeratio specierum hucusque pro 'Biologia Centrali-Americana' delineatarum, illis prima in parte Diag. Pl. Nov. Mex. etc. citatis exclusis. Signum * ad species coloratas adjectum est.

Arenaria bryoides, Willd., var. *guatemalensis*, Hemsl.
Cerdia glauca, Hemsl.
—— *congestiflora*, Hemsl.
Sida lindeniana, Turcz.
Alseis blackiana, Hemsl.
Deppea umbellata, Hemsl.
—— *floribunda*, Hemsl.
Hoffmannia cauliflora, Hemsl.
Lagascea decipiens, Hemsl.
—— *biflora*, Hemsl.
Galinsoga filiformis, Hemsl.
Decachæta seemanni, Benth. et Hook. f.
Zaluzania coulteri, Hemsl.
**Gaultheria odorata*, H. B. K.
—— *hirtiflora*, Benth.
**Vaccinium brachystachyum*, Benth.
**Wigandia kunthii*, Choisy.
**Bourreria formosa*, Hemsl.
**Ipomœa murucoides*, R. et P.
*—— (§ *Quamoclit*) *lutea*, Hemsl.
Uroskinnera hirtiflora, Hemsl.
**Escobedia linearis*, Schlecht.
**Godmania macrocarpa*, Hemsl.
**Jacobinia aurea*, Hemsl.
Ruellia bouryæi, Hemsl.
**Philodendron affine*, Hemsl.
**Anthurium salviniæ*, Hemsl.
*—— *fraternum*, Schott.
*—— *montanum*, Hemsl.

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DIAGNOSES

PLANTARUM NOVARUM

VEL MINUS COGNITARUM

MEXICANARUM ET CENTRALI-AMERICANARUM.

PARS TERTIA.

AUCTORE

W. B. HEMSLEY, A.L.S.

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POLYPETALÆ.

1. **Rhus pachyrrhachis,** n. sp.*

Molliter villosa, ramis crassiusculis, foliis imparipinnatis petiolatis, foliolis 7–13 breviter petiolulatis crassiusculis coriaceis sæpissime oblongo-lanceolatis obtusiusculis margine recurvis supra demum glabrescentibus nitidis, rhachi crassa tereti, floribus mediocribus subsessilibus in paniculas parvas sæpissime axillares dispositis, sepalis 5 membranaceis ellipticis concavis ciliolatis, petalis 5 oblongo-ellipticis, ♀ intus infra medium barbatis, ♂ nudis, stigmatibus late dilatatis recurvis, drupa coccinea villosa, semino fusco nitido.

Mexico: Chiapas, *Ghiesbreght*, 511; in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 125. (Hb. Kew.)

2. **Rhus terebinthifolia,** Schl. (char. amplif.).

Fruticosa vel arborea, plus minusve villoso-hirsuta, ramis elongatis graciliusculis, foliis imparipinnatis petiolatis sæpe deflexis, foliolis 5–11 breviter petiolulatis vix coriaceis discoloribus ovato-lanceolatis oblongis ellipticisve basi sæpe obliquis apice cuspidulato-mucronatis margine recurvis, rhachi tereti graciliuscula, floribus minimis spicato-paniculatis, paniculis amplis laxis axillaribus et terminalibus, sepalis 5 subscariosis ovato-orbicularibus glabris ciliolatis, petalis 5 late ovato-oblongis ciliolatis, ovario hirsuto, stylis brevissimis, stigmatibus obtusis, drupa immatura villosa.—*Schl. Linnæa*, v. p. 600.

Mexico: Papantla, *Schiede*, 715; Mirador. *Liebmann*, 31 et 39, *Linden*, 731; Orizaba, *Botteri*, 1000; *Müller*. 1281. Guatemala: Volcan de Fuego, alt. 3800 ped., *Salvin*. (Hb. Kew.)

* Species 1–25 have already appeared in the "Botany" of the 'Biologia Centrali-Americana.'

[*April* 1880.]

Var. ? **Barclayi**, Hemsl.

Fere omnino glaberrima, ramis petiolis rhachibusque gracilioribus quam in planta typica, foliis semipedalibus, foliolis 5–7 distantibus longiuscule petiolulatis ovato-oblongis 2–3-pollicaribus.—*Rhus terebinthifolia*, Benth. Bot. Voy. Sulph. p. 79, vix Schl.

Mexico: Acapulco, *Barclay*. (Hb. Kew.)

3. **Lupinus canus**, n. sp.

Perennis? erectus, cano-sericeo-villosis, foliis caulinis graciliter petiolatis sæpissime 8-foliolatis, foliolis linearibus, stipulis lineari-subulatis petiolo basi adnatis, floribus parvis verticillatis, bracteis subulatis valde deciduis, calycis sericei labiis fere æqualibus, vexillo orbiculari, alis oblique oblongis brevissime unguiculatis, ovario hirsuto circiter 8-ovulato, legumine dense hirsuto.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 129. (Hb. Kew.)

4. **Trifolium amabile**, H. B. K., var. **longifoliolum**, n. var.

Foliolis lineari-oblongis usque 16 lineas longis, obtusis vel utrinque acutis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 134; Orizaba, *Botteri*, 703. (Hb. Kew.)

5. **Trifolium mexicanum**, n. sp.

Perenne?, caulibus usque sesquipedalibus, foliolis majusculis ovato-oblongis vel ellipticis aculeolato-serrulatis, capitulis multifloris ebracteatis, floribus longiuscule pedicellatis, calycis lobis setaceo-subulatis quam tubus triplo longioribus.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 137; Orizaba, *Botteri*, 704: loco non indicato, *Graham*; Real del Monte, Zimapan, etc., *Coulter*. (Hb. Kew.)

6. **Psoralea melanocarpa**, Benth. MSS. in Hb. Kew.

Puberula, ramis teretibus, foliis petiolatis pinnatim trifoliolatis, foliolis ovato-lanceolatis mucronulatis supra densissime glanduloso-punctatis, stipulis lineari-subulatis, racemis paucifloris densis longe pedunculatis, floribus parvis brevissime pedicellatis, calyce alte 5-partito, carina quam alæ et vexillum breviore, ovario superne pubescente, legumine sicco nigro tuberculato grosse reticulato.

Mexico: Zimapan, *Coulter*, 561. (Hb. Kew.)

7. **Dalea crassifolia**, n. sp.

Fruticosa vel suffruticosa, ramis elongatis rectis crassiusculis, foliolis 25–35-jugis glaberrimis glaucis nigro-punctatis parvis oblongis creberrimis rhachique crassis, floribus densissime spicatis, spicis multifloris bracteatis, bracteis ovato-caudatis cito deciduis, calycis lobis linearisubulatis, vexillo inappendiculato, staminibus 10, ovario piloso biovulato. —*Dalea pectinata*, H. B. K.?, Seem. Bot. Voy. 'Herald,' p. 279.

Mexico: Sierra Madre, *Seemann*, 2190. (Hb. Kew.)

8. **Brongniartia benthamiana**, n. sp.

Fruticosa, novellis dense fusco-sericeo-tomentosis, foliis petiolatis ampliusculis imparipinnatis, foliolis 13–19 petiolulatis ovato-oblongis apiculatis, pedunculis axillaribus solitariis vel 2–4 aggregatis, bracteis oblongis alabastra involventibus, floribus pollicaribus, petalis longiuscule unguiculatis, ovario longiuscule stipitato dorso superne leviter piloso 6-ovulato.—*Peraltea lupinoides*, H. B. K. ?, Benth. Pl. Hartw. p. 10.

Mexico: Leon, *Hartweg*. (Hb. Kew.)

9. **Brongniartia galegoides**, Presl, Symb. Bot. ii. p. 21, t. 67?

Foliolis late ellipticis sesquipollicaribus, stipulis semicordatis rotundatis usque $2\frac{1}{2}$-pollicaribus.

Mexico: sine loco speciali, *Parkinson*. (Hb. Kew.)

10. **Brongniartia gracilis**, n. sp.

Fruticosa, ramosa, fulvo-sericeo-tomentosa, ramis graciliusculis, foliis elongatis, foliolis 17–25 membranaceis distantibus oblongis apice longiuscule aristatis, rhachi gracili, pedunculis gracilibus, bracteis ovato-oblongis alabastra involventibus subpersistentibus, floribus mediocribus, calyce hirsuto, ovario glabro breviter stipitato circiter 6-ovulato.

Mexico: loco non indicato, sed probabiliter Orizabæ vicinitate, *Sallé*. (Hb. Kew.)

11. **Brongniartia parryi**, n. sp.

Arborea vel fruticosa, novellis dense argenteo-velutinis, foliis amplis imparipinnatis, foliolis sæpissime 7 subsessilibus crassis ovato-oblongis obtusis apiculatis venis subtus prominenter elevato-reticulatis, pedunculis axillaribus solitariis geminis vel ternis, floribus . . . . . legumine longiuscule stipitato coriaceo 6-spermo.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 205. (Hb. Kew.)

12. **Astragalus (Phaca) coriaceus**, n. sp.

Herbaceus, erectus, nanus, ramis crassiusculis flexuosis angulatis puberulis, foliolis 6–8-jugis longiuscule petiolulatis crassiusculis primum strigillosis lineari-oblongis obtusis distantibus, racemis paucifloris, calycis hirsuti tubo elongato, dentibus quam tubus quadruplo brevioribus, ovario glaberrimo, legumine coriaceo lævi glabro cylindrico crasso curvo longiuscule curvirostrato.

Mexico: Zacatecas, *Coulter*. (Hb. Kew.)

13. **Astragalus (Phaca) guatemalensis**, n. sp.

Procumbens, reptans, glabrescens, foliolis 10–15-jugis brevissime petiolulatis oblongis emarginatis vel mucronulatis glaucis, stipulis amplis inter se coalitis longe acuminatis, racemis longiuscule pedunculatis densiflоris 10–20-floris, floribus mediocribus breviter pedicellatis, calycis lobis subulatis tubum æquantibus, legumine oblongo glabro obcompresso, sutura utraque præsertim dorsali impressa.

Guatemala: in monte ignivomo Fuego usque ad 10,500 ped. alt.. *Salvin et Godman*. (Hb. Kew.)

14. **Astragalus** (**Euastragalus**) **oxyrhynchus**, n. sp.

Cæspitosus, incanus, ramis gracilibus numerosis adscendentibus, foliolis 6–9-jugis lineari-oblongis, racemis densis longe pedunculatis, floribus parvis, calycis nigro-hirsuti lobis subulatis tubum æquantibus, vexillo insigniter striato, legumine ovato-oblongo aculeato-rostrato arcte reflexo.

Mexico: in convalle Mexici, *Bourgeau*. (Hb. Kew.)

15. **Astragalus** (**Euastragalus**) **parvus**, n. sp.

Cæspitosus, albo-strigillosus, ramis brevibus procumbentibus, foliolis 6–9-jugis parvis oblongis, stipulis late triangularibus arctissime reflexis, floribus parvis subcapitato-racemosis, racemis circiter 6-floris, bracteis minutis, calycis albo-strigillosi lobis subulatis quam tubus dimidio brevioribus, legumine parvo oblongo sutura dorsali impressa et intrusa biloculari.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 174. (Hb. Kew.)

16. **Desmodium ambiguum**, n. sp.

Fruticosum? glabrescens, nitidum, ramis teretibus, foliis parvis trifoliolatis graciliter petiolatis, foliolis ovato-oblongis apice fere rotundatis et apiculatis, apiculo deciduo, floribus parvis racemosis brevissime pedicellatis, racemis strictis subsessilibus axillaribus et terminalibus usque 9-pollicaribus, bracteis parvis striatis deciduis, calyce puberulo, stamine vexillari libero, ovario glabro subsessili circiter 5-ovulato.

Mexico: in montibus Sierra San Pedro Nolasco etc., *Jurgensen*, 933. (Hb. Kew.)

17. **Desmodium** (§ **Chalarium**) **amplifolium**, n. sp.

Fruticosum, novellis argenteo-sericeo-pilosis, ramis crassiusculis, foliis amplis trifoliolatis, foliolis ovatis vel lanceolatis acuminatis basi rotundatis supra minute hispidulo-puberulis subtus sericeo-pilosis et venis lateralibus elevatis, floribus mediocribus dense racemosis, racemis axillaribus et terminalibus breviusculis primum comoso-bracteatis, bracteis amplis mox deciduis, pedicellis suberectis, ovario puberulo, legumine cito glabrescente circiter 5-articulato, articulis ellipticis.

Mexico: in montibus Cordillera de Oaxaca, alt. 7000–8000 ped., *Galeotti*, 3168; Chiapas, *Ghiesbreght*, 583. (Hb. Kew.)

18. **Desmodium** (§ **Chalarium**) **callilepis**, n. s.

Herbaceum, adscendens vel procumbens, parce pilosulum, ramis gracilibus elongatis striatis, foliis parvis petiolatis trifoliolatis, foliolis lanceolato-oblongis usque suborbicularibus utrinque sparse setulosis, stipulis bracteisque fusco-purpureis striatis persistentibus, floribus mediocribus racemosis, racemis terminalibus axillaribusve, bracteis bracteolisque elongatis lanceolato-subulatis, pedicellis filiformibus sæpissime geminis, calyce colorato pilosulo, lobis inæqualibus, legumine recto vel leviter curvato subplano immaturo dense hirsuto 6–7-articulato, articulis ellipticis.

Mexico: in convalle Mexici, *Bourgeau*, 332 et 582. (Hb. Kew.)

19. **Desmodium** (§ **Chalarium**) **campyloclados**, n. sp.

Fruticosum ? volubile, ramis graciliusculis tortuosis tenuiter uncinato-puberulis, foliis parvis trifoliolatis graciliter petiolatis, foliolis brevissime petiolulatis tenuissimis ovato-lanceolatis acutis apiculatis utrinque (præcipue subtus) appresse molliterque hirsutis, floribus laxissime racemoso-paniculatis, panicularum ramulis pedicellisque valde tortuosis elongatis fere filiformibus, legumine uncinato-puberulo vix asperulo sæpe 4–5-articulato, articulis oblique ovatis.

Costa Rica: Segovia et Candelaria, *Œrsted*. (Hb. Kew.)

20. **Desmodium cordistipulum**, n. sp.

Herbaceum, erectum, fere omnino glaberrimum, caulibus graciliusculis angulatis, internodiis longiusculis, foliis trifoliolatis, foliolis lanceolatis obtusiusculis vel apiculatis discoloribus, stipulis persistentibus amplissimis oblique cordatis amplexicaulibus striatis apice subulatis, floribus mediocribus laxe racemosis, racemis longe graciliterque pedunculatis, bracteis cito deciduis, legumine valde immaturo puberulo circiter 5-articulato, articulis sibi invicem replicatis.

Mexico: Oaxaca, *Ghiesbreght*. (Hb. Kew.)

21. **Desmodium? densiflorum**, n. sp.

Fruticosum, ramis graciliusculis teretibus, foliis parvis trifoliolatis, foliolis lanceolato-oblongis mucronulatis utrinque strigillosis, floribus sessilibus dense spicatis, spicis brevissimis axillaribus et terminalibus bracteatis, bracteis albo-sericeo-pilosis latis longe acuminatis persistentibus, calyce dense longeque sericeo-piloso, ovario longiuscule stipitato glabro 4-ovulato marginato.

Mexico: *Parkinson*, *Linden*. (Hb. Kew.)

22. **Desmodium** (§ **Chalarium**) **foliosum**, n. sp.

Suffruticosum vel herbaceum, præter pedicellos et calyces glabrum vel glabrescens, ramis subangulatis, foliis longiuscule petiolatis trifoliolatis, foliolis membranaceis lanceolatis basi rotundatis apice mucronulatis, floribus parvis numerosis dense racemoso-paniculatis breviter pedicellatis, paniculis brevibus lateralibus et terminalibus foliosis, ovario 4–5-ovulato breviter stipitato, legumine lævi tenui anguste elongato sæpissime 4-articulato, articulis oblongis.

Mexico: in montibus Sierra San Pedro, *Jurgensen*, 897; Orizaba, *Müller*, 1466; *Sumichrast*, 1735. (Hb. Kew.)

23. **Desmodium** (§ **Chalarium**) **ghiesbreghtii**, n. sp.

Fruticosum vel suffruticosum, ramis elongatis puberulis, internodiis brevibus, foliis mediocribus longiuscule graciliterque petiolatis trifoliolatis, foliolis longiuscule petiolulatis subcoriaceis ovato-oblongis vel ellipticis glaberrimis minute reticulato-venosis subtus pallidioribus, stipellis cito deciduis, floribus mediocribus racemoso-paniculatis, paniculis terminalibus amplis, bracteis cito deciduis, legumine glabro 4–6-articulato, articulis ellipticis.

Mexico: in ditione Oaxacæ, *Ghiesbreght*. (Hb. Kew.)

24. **Desmodium** (§ **Chalarium**) **hartwegianum**, n. sp.

Herbaceum, erectum, sparsim albo-pilosum, foliis subsessilibus trifoliolatis, foliolis oblongis vel interdum fere obovatis reticulato-venosis, venis subtus prominentibus, apice rotundatis sæpissime apiculatis, stipulis elongatis lanceolato-subulatis, floribus maximis in racemos simplices terminales longissimos dispositis, racemis apice comoso-bracteatis, bracteis amplis mox deciduis, calyce colorato glabrescente, legumine fulvo uncinato-puberulo sæpissime 6-articulato, articulis oblongo-orbicularibus.—*Desmodium strobilaceum*, Benth. Pl. Hartw. p. 11, nec Schl.

Mexico: Aguas Calientes, *Hartweg*, 56. (Hb. Kew.)

25. **Desmodium** (§ **Heteroloma**) **lamprocarpum**, n. sp.

Herbaceum vel suffruticosum, ramis gracillimis glabrescentibus, foliis longe graciliterque petiolatis trifoliolatis, foliolis ovato-oblongis vel fere ellipticis tenuibus utrinque minutissime puberulis simul parcissime setulosis, floribus mediocribus densiuscule racemoso-paniculatis, ovario stipitato puberulo 4-ovulato, legumine immaturo glabrescente nitido 2–4-articulato, articulis subreniformibus.

Mexico: Chiapas, *Ghiesbreght*, 587. (Hb. Kew.)

26. **Desmodium** (§ **Heteroloma**) **leptoclados**, n. sp.

Herbaceum, ramis gracillimis adscendentibus glabris, nitidis, foliis parvis trifoliolatis, foliolis ovato-oblongis interdum fere ellipticis utrinque appresse setulosis, petiolo filiformi, stipulis persistentibus, floribus mediocribus laxe racemosis longiuscule pedicellatis, ovario hirsuto 4–6-ovulato, legumine uncinulato-puberulo sæpissime 4–6-articulato, articulis dolabriformibus.

Mexico: Zimapan, in ditione Mexici, *Coulter*; inter Veram Crucem et Orizabam, *Müller*, 1698. (Hb. Kew.)

27. **Desmodium** (§ **Chalarium**) **macropodium**, n. sp.

Herbaceum, procumbens, uncinato-hispidulum, foliis trifoliolatis, foliolis ovatis ellipticisve utrinque tuberculato-strigillosis, floribus parvis racemosis, racemis paucifloris longe pedunculatis adscendentibus per anthesin apice comoso-bracteatis, pedunculis nudis, calycis glabrescentis lobis fere æqualibus ovatis acutis, legumine uncinato-puberulo sæpe 5-articulato, articulis oblique ovatis.

Mexico: Pedregal, *Bilimek*, 114. (Hb. Kew.)

28. **Desmodium** (§ **Heteroloma**) **macrostachyum**, n. sp.

Herbaceum elatum, caulibus simplicibus crassiusculis profunde sulcatis breviter uncinato-hispidis, foliis amplis trifoliolatis, foliolis elongatis lanceolato-oblongis acuminatis acutis supra glabris subtus secus venas et ad marginem appresse setulosis, floribus mediocribus in racemos terminales longissimos strictissimos dispositis, legumine angusto 6–8-articulato densissime uncinato-hispido arctissime reflexo.

Mexico: Oaxaca, *Ghiesbreght*. (Hb. Kew.)

29. **Desmodium** (§ **Chalarium**) **madrense**, n. sp.

Fruticosum vel suffruticosum, ramosum, ramis graciliusculis teretibus sparsim pilosis, foliis amplis trifoliolatis, foliolis lanceolato-oblongis vel ovato-oblongis acuminatis mucronulatis discoloribus subtus pallidioribus, junioribus subtus petiolisque patentim pilosis, floribus mediocribus racemoso-paniculatis, paniculis brevibus, ovario puberulo circiter 7-ovulato, legumine glabro sæpe 5–7-articulato, articulis suborbicularibus.—*Desmodium canadense*, Seem. Bot. Voy. 'Herald,' p. 28, nec DC.

Mexico: in montibus Sierra Madre, *Seemann*, 2184. (Hb. Kew.)

30. **Desmodium** (§ **Chalarium**) **nitidum**, Mart. et Gal. in Bull. Acad. Brux. x. pars 2, p. 186 (char. amplif.).

Suffruticosum, glaberrimum, ramis teretibus striatulis, foliis petiolatis trifoliolatis, foliolis ovato-oblongis obtusis ("ovatis acuminatis" ex Mart. et Gal.) basi subcordatis, floribus parvis numerosissimis laxe racemoso-paniculatis, paniculis terminalibus amplissimis aphyllis, pedicellis elongatis filiformibus patentibus, bracteis bracteolisque lineari-subulatis striatis persistentibus, ovario longiuscule stipitato, legumine immaturo 6–8-articulato ("articulis orbiculatis," ex Mart. et Gal.).

Mexico: in montibus Cordillera de Oaxaca, alt. 6500–8000 ped., *Galeotti*, 3160. (Hb. Kew.)

31. **Desmodium** (§ **Heteroloma**) **orizabanum**, n. sp.

Suffruticosum nanum, fere omnino glaberrimum, ramis erectis vel adscendentibus teretibus graciliusculis, foliis trifoliolatis longiuscule petiolatis nitidis, foliolis approximatis ovatis usque lanceolato-oblongis obtusiusculis, floribus mediocribus laxe racemosis, racemis simplicibus vel ramosis, bracteis puberulis lanceolatis acuminatis striatis ante anthesin deciduis, pedicellis sæpe geminis filiformibus, legumine uncinato-hispidulo sæpissime 4- vel 5-articulato leviter curvato, articulis dolabriformibus.

Mexico: in regione Orizabæ, *Botteri*, 730; *Bourgeau*, 2997; in sylvis Veræ Crucis, alt. 3000 ped., *Galeotti*, 3296. (Hb. Kew.)

32. **Desmodium** (§ **Chalarium**) **palmeri**, n. sp.

Fruticosum vel herbaceum, caulibus graciliusculis adscendentibus infra dense foliosis, foliis trifoliolatis, foliolis lanceolato-oblongis glaucis utrinque præcipue subtus appresse setulosis, floribus mediocribus laxe racemosis, racemis simplicibus pauciflоris longe pedunculatis, pedunculis gracilibus, pedicellis geminis gracilibus, calycis sparsim pilosi lobis inæqualibus, legumine flavescente uncinato-puberulo sæpe 4-articulato, articulis oblique ovatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 179. (Hb. Kew.)

33. **Desmodium** (§ **Chalarium**) **parkinsoni**, n. sp.

Fruticosum, ramis teretibus junioribus pilosis, foliis trifoliolatis, foliolis ovato-oblongis vel ellipticis utrinque strigilloso-pilosis, venis lateralibus primariis contiguis præcipue subtus prominentibus, floribus mediocribus racemosis, racemis densis quam folia brevioribus bracteatis,

bracteis amplis ante anthesin deciduis, calyce glabro vel sparsissime piloso, lobo inferiore angustiore longiore, ovarium longe stipitatum glaberrimum 6-ovulatum.

Mexico: loco non indicato, *Parkinson*. (Hb. Kew.)

34. **Desmodium** (§ **Chalarium**) **parryi**, n. sp.

Herbaceum, ramis gracillimis fere filiformibus, foliis parvis trifoliolatis, foliolis ovatis vel oblongis parce pilosis, floribus parvis laxe racemosis, racemis pedunculatis usque pedalibus, bracteis deciduis, calycis parce pilosi lobis lineari-subulatis quam tubus longioribus, legumine flavescente uncinato-puberulo sæpissime 4–5-articulato, articulis ellipticis atro-venosis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 178. (Hb. Kew.)

35. **Desmodium** (§ **Chalarium**) **plectocarpum**, n. sp.

Herbaceum, robustum, caulibus crassis tenuiter uncinato-puberulis, foliis trifoliolatis, foliolis ellipticis vel orbicularibus utrinque appresse molliterque hirsutis, floribus parvis numerosissimis racemoso-paniculatis, paniculis terminalibus amplissimis, pedicellis brevibus sæpissime geminis vel ternis, bracteis parvis mox deciduis, calyce uncinato-hirsuto, legumine uncinato-hirsuto sæpissime 6-articulato, articulis suborbicularibus sibi invicem replicatis, seminibus parvis oblongis fuscis nitidis.

Mexico: in regione Orizabæ, *Botteri*, 699; *Bourgeau*, 3177. (Hb. Kew.)

36. **Desmodium salvinii**, n. sp.

Fruticosum, ramis graciliusculis creberrime lenticellatis, internodiis brevissimis, foliis parvis trifoliolatis, foliolis ovato-oblongis ellipticisve apiculatis utrinque leviter pilosulis, floribus mediocribus densiuscule racemosis, racemis terminalibus et paniculatis vel axillaribus et simplicibus brevibus fere sessilibus, ovario puberulo 4-ovulato, legumine immaturo puberulo sæpissime 4-articulato, suturis fere æqualiter sinuatis.

Guatemala: Volcan de Fuego, alt. 3800 ped., *Salvin*. (Hb. Kew.)

37. **Desmodium** (§ **Heteroloma**) **scutatum**, Hemsl.

Fruticosum, volubile, ramis teretibus elongatis uncinato-hirsutis, foliis trifoliolatis dense molliterque strigillosis vel fere sericeis lanceolatis ovatisve supra secus costam sæpissime albo-lineatis, floribus mediocribus numerosissimis racemoso-paniculatis, bracteis valde caducis, ovario hirsuto biovulato, legumine latissimo puberulo sæpe biarticulato, articulis fere disjunctis suborbicularibus basi subcordatis margine fulvo-ciliatis.—*Rhynchosia? albo-nitens*, Lemaire, Ill. Hort. 1861, t. 290; *Desmodium skinneri* var. *albo-lineatum* et *D. skinneri* var. β. *albo-nitens*, Hook. Bot. Mag. t. 5452, nec *D. skinneri*, Benth. MSS. infra descriptum.

Mexico, *Ghiesbreght*. (Hb. Kew.)

38. **Desmodium sericocarpum,** n. sp.

Fruticosum, ramosum, ramis junioribus tomentosis, foliis majusculis trifoliolatis, foliolis oblongis ellipticisve utrinque molliter tomentosis supra flavescentibus subtus albidis, floribus mediocribus densiuscule racemosis, racemis brevibus lateralibus, bracteis lineari-subulatis, calycis hirsuti lobis latis obtusiusculis, ovario puberulo 5–6-ovulato, legumine immaturo valde sericeo-tomentoso.

Mexico: prope Tantoyucam, *Ervendberg*, 299. (Hb. Kew.)

39. **Desmodium** (§ **Heteroloma**) **skinneri**, Benth. MSS. in hb. Kew., nec Bot. Mag. t. 5452.

Suffruticosum, ramis junioribus hirsutis, foliis trifoliolatis longiuscule petiolatis, foliolis oblique ovatis obtusissimis supra parce hispidulis subtus dense appresse pilosis, floribus racemoso-paniculatis, ovario triovulato, legumine glabrescente sæpe biarticulato, articulis fere disjunctis planis tenuibus subreniformibus.

Guatemala: loco non indicato, *Skinner*, 37. (Hb. Kew.)

40. **Desmodium** (§ **Chalarium**) **subtile,** n. sp.

Herbaceum, erectum, sparse pilosum, caulibus angustatis, foliis longe graciliterque petiolatis trifoliolatis, foliolis ellipticis oblongisve tenuissimis subtilissime reticulato-venosis pallidis, stipulis parvis reflexis persistentibus, floribus mediocribus racemoso-paniculatis, paniculis parvis, bracteis deciduis, pedicellis sæpissime geminis gracilibus, legumine longiuscule stipitato uncinato-puberulo sæpe 6-articulato, articulis subquadratis nigro-veniis.

Mexico: in convalle Mexici, *Bourgeau*, 777. (Hb. Kew.)

41. **Vicia mexicana,** n. sp.

Glabrescens et demum glaberrima, ramis crassiusculis adscendentibus angulatis, foliis ampliusculis sessilibus, foliolis 14-18 petiolulatis linearibus 1–1¾ poll. longis apiculatis subtrinerviis, stipulis semisagittatis, pedunculis 15–20-floris quam folia longioribus, floribus ad apices pedunculorum confertis brevissime pedicellatis circiter 8-9 lin. longis, calycis parcissime puberuli basi postice saccata, ovario longe stipitato circiter 10-ovulato, stylo sursum hirsuto.

Mexico: in ditione Oaxacæ, *Ghiesbreght*. (Hb. Kew.)

42. **Cologania humifusa,** n. sp.

Procumbens, novellis fulvo-pilosis, ramis brevibus, foliis brevissime petiolatis trifoliolatis, foliolis obovato-ellipticis vel interdum fere orbicularibus, subtus venis lateralibus prominentibus, floribus majusculis solitariis vel 2–3 aggregatis subsessilibus vel longiuscule pedunculatis, ovario breviter stipitato ad 16-ovulato, legumine sæpissime polyspermo extus longissime fulvo-hispidulo-piloso, seminibus parvis atro-fuscis nitidis compresse globosis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 194; Real del Monte, *Coulter*; in convalle Mexici. *Bourgeau*, 330. (Hb. Kew.)

43. **Minkelersia biflora**, n. sp. (tab. nostr. ined.).

Foliolis omnibus ovatis, lateralibus obliquis nec unilateraliter lobatis, pedunculis bifloris tribracteatis, bracteis juxta flores involucrum formantibus, floribus sessilibus, vexillo vix unguiculato, ovario pubescente ad 20-ovulato, legumine ignoto.

Mexico: in convalle Mexici, *Schaffner*. (Hb. Kew.)

44. **Minkelersia galactioides**, Mart. et Gal. (char. emend.) et tab. nostr. ined.

Foliolo terminali ovato-oblongo vel oblongo, foliolis lateralibus oblique ovatis unilateraliter obscure lobatis, pedunculis unifloris sæpissime tribracteatis, bracteis ad 3 lineas infra flores insertis, vexillo distincte unguiculato, ovario pubescente ad 15-ovulato, legumine maturo cylindrico parvo glabro calyce persistente suffulto.

Mexico: in montibus Oaxacæ, alt. 4000–6000 ped., *Galeotti*, 3175. (Hb. Kew.)

45. **Rhynchosia calycosa**, n. sp.

Herbacea, volubilis, ramis puberulis striatulis, foliis longiuscule petiolatis, foliolis ovato-rhomboideis obtusis lateralibus obliquis utrinque minute puberulis tenuiter reticulato-venosis, floribus racemosis brevissime pedicellatis, calycis puberuli lobis tricostatis obtusis quam petala paulo longioribus, carina quam alæ et vexillum longiore, vexillo glabro, ovario superne villoso, stylo filiformi glabro, legumine glabrescente oblique oblongo calyce aucto suffulto.

Panama: Chagres, *Fendler*. (Hb. Kew.)

46. **Bauhinia** (§ **Pauletia**) **andrieuxii**, n. sp.

Puberula, ramis tuberculatis, foliis parvis suborbicularibus bilobatis 9-nerviis, floribus mediocribus, calyce spathaceo, petalis late ellipticis brevissime unguiculatis extus apicem versus leviter hirsutis, staminibus omnibus perfectis, filamentis fere liberis glabris alternis brevioribus, ovario hirsuto, legumine breviter stipitato, immaturo lineari ferrugineo tomentoso.

Mexico: prope Oaxacam, *Andrieux*, 411. (Hb. Kew.)

47. **Bauhinia** (§ **Casparia**) **dipetala**, n. sp.

Glabrescens, foliis graciliter petiolatis cordiformibus bilobatis, lobis obtusissimis, floribus parvis, calycis basi tubulosa spathacea, petalis 2 parvis barbatis, staminibus 9 sterilibus fere ad apicem connatis in tubum intus hirsutis, stamine 1 perfecto, filamento incrassato glabro, anthera magna, ovario longe stipitato hirsuto, legumine glabro nitido tenuiter coriaceo semipedali et ultra.

Mexico: in convalle Cordovæ, *Bourgeau*, 1713, 2197. (Hb. Kew.)

48. **Bauhinia** (§ **Schnella**) **hymenææfolia**, Triana, MSS. in hb. Kew.

Foliis graciliter petiolatis glaberrimis cordiformibus bifoliolatis, foliolis oblique ovatis vel oblongis, floribus amplis, calycis tubo latissimo 15-costato, dentibus parvis ovato-oblongis, petalis oblongis deorsum attenuatis extus densissime sericeo-ferrugineo-tomentosis, staminibus

10 liberis, 5 antheriferis, antheris barbatis, filamentis filiformibus glabris, ovario sessili dense hirsuto.

Panama: in sylvis, *S. Hayes*, 635. (Hb. Kew.)

49. **Bauhinia** (§ **Casparia**) **macranthera**, Benth. MSS. in hb. Kew.

Pubescens, ramis flexuosis, internodiis brevissimis, foliis suborbicularibus ad medium bilobatis 9-nerviis, floribus majusculis, petalis longe unguiculatis, unguibus barbatis, staminibus fere liberis, 1 tantum perfecto, filamento elongato vix incrassato, anthera maxima, ceteris brevibus barbatis, ovario valde ferrugineo-tomentoso, legumine glaberrimo elongato sursum sensim dilatato.

Mexico: Zimapan, *Coulter*. (Hb. Kew.)

50. **Bauhinia** (§ **Casparia**) **platypetala**, Benth. MSS. in hb. Kew.

Ferrugineo-tomentosa, foliis suborbicularibus basi profunde cordatis apice emarginatis vel leviter bilobatis, floribus amplis, calyce spathaceo, petalis sessilibus glabris lanceolato-oblongis, staminibus omnibus fere liberis, 3 perfectis antheris oblongo-linearibus æqualibus, filamento tamen infimo duplo longiore et crasso carnoso, ovario ferrugineo-tomentoso, legumine immaturo puberulo ad suturas marginato.

Mexico: Zimapan, *Coulter*, 531. (Hb. Kew.)

51. **Bauhinia** (§ **Casparia**) **ramosissima**, Benth. in hb. Kew.

Glabrescens, foliis parvis bifoliolatis, foliolis oblique oblongis obtusis trinerviis, petalis longe unguiculatis, unguibus hirsutis, staminibus omnibus fere liberis, 1 tantum perfecto, anthera magna, filamento glabro crasso carnoso quam cætera triplo longiore, 9 sterilibus parvis, filamentis intus barbatis, ovario hirsuto, legumine parvo glabro plano ad suturam marginato longe mucronato.

Mexico: Zimapan, *Coulter*, 473. (Hb. Kew.)

52. **Bauhinia** (§ **Casparia**) **unguicularis**, Benth. MSS. in hb. Kew.

Glabrescens, foliis mediocribus bifoliolatis, foliolis oblique ovatis vel oblongis subtrinerviis, floribus majusculis, petalis longissime unguiculatis, unguibus valde barbatis, staminibus (an semper?) 12 quorum 1 tantum perfecto, filamento elongato crassiusculo, anthera maxima, cæteris brevissimis, filamentis basi connatis valde barbatis, ovario longe stipitato pubescente.

Mexico: Zimapan, *Coulter*, 472. (Hb. Kew.)

53. **Mimosa flexuosa**, Benth. (char. amplif.).

Fruticosa, puberula, ramis gracilibus et flexuosis vel crassioribus et rectis, aculeis infra stipularibus geminis rectiusculis vel recurvis, pinnis 6–9-jugis, foliolis minutis confertis usque 15-jugis, capitulis breviter pedunculatis, calyce corollaque superne pilosulis, legumine puberulo oblongo usque 4 lineas lato margine valde aculeato.—*Mimosa flexuosa*, Benth. in A. Gray, Pl. Wright. i. p. 428.

Texas; New Mexico; Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 217. (Hb. Kew.)

Mo. Bot. Garden,

54. **Pithecolobium** (§ **Chloroleucon**) **palmeri**, n. sp.

Ramis tortuosis vel flexuosis junioribus petiolisque puberulis, pinnis 1–4-jugis, foliolis 5–15-jugis minutis oblongis, stipulis spinescentibus, floribus parvis puberulis brevissime pedicellatis, legumine lato arcuato vel fere circinato.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 220. (Hb. Kew.)

55. **Heuchera minutiflora**, n. sp.

Scapis petiolisque patentim pilosis, foliis glabrescentibus cordato-orbicularibus obscure lobatis crenato-denticulatis, denticulis apiculatis, floribus minimis cymoso-subspicatis, scapo haud gracili paucifoliato, calyce latiuscule campanulato albo-granuloso, petalis quam calycis lobi vix longioribus, staminibus stylisque inclusis vel brevissime exsertis.

Mexico: in monte Popocatepetl?, *H. Christy*. (Hb. Kew.)

56. **Heuchera longipetala**, Ser. (char. amplif.).

Ferrugineo-pilosa, foliis cordato-orbicularibus obscurissime lobatis aristulato-dentatis, floribus parvis cymoso-paniculatis, scapis pedicellisque gracilibus, calyce albo-glanduloso-hirsuto anguste campanulato, lobis inæqualibus, petalis linearibus quam calycis lobi duplo longioribus, staminibus exsertis.—*Heuchera longipetala*, Ser. in DC. Prodr. iv. p. 52; Calques des Dess. Fl. Mex. 423.

Mexico, in montibus supra Tolucan, *Andrieux*, 356. (Hb. Kew.)

57. **Heuchera orizabensis**, n. sp.

Ferrugineo-pilosa, pilis patentissimis, foliis cordato-orbicularibus obscure 5–7-lobatis 5–7-nerviis aristulato-dentatis, floribus mediocribus cymoso-paniculatis, scapo haud gracili, calyce glanduloso-hirsuto late campanulato, lobis latissimis rotundatis, petalis linearibus quam calycis lobi saltem duplo longioribus, staminibus exsertis.

Mexico: in cacumine Orizabæ, alt. 10,000–12,500 ped., *Linden*, 577; *Galeotti*, 2835. (Hb. Kew.)

58. **Sedum fuscum**, n. sp.

Annuum, pumilum, erectum, ramosum, glabrum, ramis gracilibus, foliis superioribus carnosis oblongis compressis ramis arcte appressis, cymis elongatis multifloris, sepalis carnosis oblongis basi longe productis, petalis albis, carpellis demum divergentibus, seminibus numerosis oblongis fuscis punctulatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 235. (Hb. Kew.)

59. **Sedum parvum**, n. sp.

Herbaceum, perenne, cæspitosum, nanum, ramosum, ramis brevibus crassiusculis, foliis crassis carnosis oblongis patentibus, floribus flavis, sepalis carnosis brevibus obtusis, petalis apice dorso carinatis quam sepala fere triplo longioribus, squamulis minutis, carpellis maximis stylis brevibus rectis vel recurvis coronatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 234. (Hb. Kew.)

60. **Sedum retusum**, n. sp.

Fruticosum, glabrum, ramis crassis carnosis, foliis parvis carnosis sessilibus oblongo-obovatis vel spathulatis sæpissime retusis, floribus albis cymosis subsessilibus, cymis paucifloris, sepalis carnosis linearioblongis utrinque obtusis basi solutis, petalis quam sepala fere duplo longioribus, squamulis parvis obovatis, stylis elongatis.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 239. (Hb. Kew.

61. **Cuphea** (§ **Melanium**) **anisophylla**, n. sp. (tab. nostr. ined.).

Suffruticosa, foliis oppositis vel suboppositis sæpissime confertis distichis et in eodem ramulo magnitudine valde variabilibus, superioribus sæpe bracteiformibus, omnibus brevissime petiolatis lanceolato-oblongis ovatisve utrinque parce strigosis simul hispidulis, floribus parvis alternis, pedunculis interpetiolaribus, calycis dentibus subuncinatis, petalis 6 fere æqualibus, staminibus 11 inclusis, filamentis brevissimis barbatis, ovulis ad sex.—*Cuphea antisyphilitica*, Seem. Bot. Voy. 'Herald,' nec H. B. K.

Panama: Chagres, *Fendler*, 111, 223; ad fossas prope urbem Panamæ, *Seemann*, 293; in sylvis umbrosis prope vicum Cruces, *Seemann*, 580. (Hb. Kew.)

62. **Cuphea** (§ **Diplotychia**) **aristata**, n. sp.

Suffruticosa, ramis gracillimis puberulis, foliis oblongo-lanceolatis glabrescentibus supra nitidis, floribus maximis solitariis interpetiolaribus, calycis tubo fere recto extus sparse longeque setuloso intus glabro longissime calcarato, dentibus insigniter uni- vel biaristatis, petalis 6, quorum 2 dorsalia maxima, 4 ventralia minuta, staminibus 11 exsertis, disco subcupulato dorso producto, ovulis ad 8.

Guatemala: in convalle Motaguæ, *Salvin et Godman*, 141. (Hb. Kew.)

63. **Cuphea** (§ **Leptocalyx**) **debilis**, n. sp.

Herbacea?, caulibus adscendentibus debilibus fere filiformibus minutissime transversimque albo puberulis, pilis medio affixis, foliis petiolatis ovato-ellipticis parce strigosis et setulosis, floribus parvis axillaribus solitariis, calycis tubo intus glabro, extus parce patentim setoso simul puberulo, appendicibus dentes duplo triplove superantibus, petalis 6, quorum 2 dorsalia multo majora, staminibus 9, ovulis 8.

Mexico: Jalapa, *Coulter*, 156. (Hb. Kew.)

64. **Cuphea** (§ **Melvilla**) **dodecandra**, n. sp. (tab. nostr. ined.).

Suffruticosa, demum glaberrima, foliis oppositis lanceolatis usque semipedalibus, floribus fasciculatim racemosis inter maximos interdum sparse glanduloso-hirsutis apetalis, calycis calcari brevi rotundato.

dentibus æqualibus crassis ciliatis, tubo intus glabro, staminibus 12 alternis exsertis, ovulis ad 12.

Mexico: Chiapas, *Linden*, 661. (Hb. Kew.)

65. **Cuphea** (§ **Leptocalyx**) **inte media**, n. sp.

Fruticosa aut suffruticosa, ramis rectis gracilibus, foliis breviter petiolatis ovato-lanceolatis scaberrimis, floribus axillaribus et extraaxilaribus, calycis tubo extus dense setuloso-hirsuto intus haud costato, dentibus subæqualibus exappendiculatis ciliatis, petalis 6 subæqualibus, ovulis ad 15.

Mexico: Chiapas, *Ghiesbreght*, 75, 717. (Hb. Kew.)

66. **Cuphea** (§ **Diplotychia**) **ixodes**, n. sp.

Fruticosa aut suffruticosa, ramis floriferis elongatis teretibus glanduloso-hirsutis, foliis lanceolatis brevissime petiolatis strigosis asperrimis, floribus mediocribus viscosissimis racemosis longiuscule pedicellatis, calycis fauce hirsuta, tubo intus infra stamina glaberrimo, calcari adscendente, petalis 6, quorum 4 ventralia minuta, 2 dorsalia basi glandulis carnosis suffulta, staminibus 11, filamentis basi barbatis, disco carnoso oblongo deflecto, ovulis ad octodecim.

Mexico: loco non indicato, *Bates*. (Hb. Kew.)

67. **Cuphea** (§ **Balsamona**) **leptopoda**, n. sp.

Annua, erecta, parce ramosa, caule ramulisque glanduloso-pilosis, foliis oppositis longiuscule graciliterque petiolatis ovato-oblongis obtusis vel subacutis utrinque asperis et minutissime setosis simul plus minusve strigillosis, floribus minimis subspicatis, calycis dentibus minutis fere æqualibus, petalis 6, stylo ovarium æquante, ovulis sæpissime 3.

Guatemala: inter Esquipulas et Tupilingo, *Bernoulli*, 747. (Hb. Kew.)

68. **Cuphea** (§ **Diplotychia**) **nudicostata**, n. sp.

Herbacea, ramulis petiolisque longe glanduloso-pilosis, foliis oppositis, longiuscule petiolatis lanceolato-oblongis utrinque asperis et brevissime setosis simul strigosis, floribus axillaribus, calycis tubo extus dense glanduloso-piloso intus glabro, dentibus cum appendicibus longe setosis alternantibus, petalis 6 inæqualibus, staminibus 11 omnibus exsertis, ovulis 8.

Mexico: Ciudad Real, *Linden*, 664. (Hb. Kew.)

69. **Cuphea** (§ **Enantiocuphea**) **panamensis**, n. sp.

Suffruticosa, nana, ramulis junioribus puberulis exceptis glaberrima, foliis oppositis lineari-lanceolatis usque bipollicaribus, floribus parvis graciliter pedunculatis, calycis tubo curvo per anthesin dorso ad medium intruso, lobis brevibus dorsali saltem duplo majore, petalis 6 subæqualibus, staminibus 11, filamentis barbatis, ovario dorso hirsuto, capsula oblonga 50–60-sperma, seminibus subglobosis.—*Cuphea gracilis*, Seem. Bot. Voy. 'Herald,' p. 121, nec H. B. K.

Panama: in rupibus fluminalibus prope urbem Panama, *Seeman*, 1222. (Hb. Kew.)

70. **Cuphea** (§ **Melvilla**) **propinqua**, n. sp.

Suffruticosa vel herbacea, ramis crassis densissime patenti-setosis, foliis oppositis vel ternatim verticillatis oblongo-lanceolatis scaberrimis, floribus racemosis, calycis tubo rubro-purpureo extus dense setoso intus glabro, petalis 6 quorum 2 dorsalia multo majora, staminibus 11, ovulis ad 7.

Mexico: sine loco speciali, *Bates*. (Hb. Kew.)

GAMOPETALÆ.

71. **Abelia coriacea**, n. sp., tab. nostr. ined.

Glabra vel glabrescens, foliis confertis petiolatis parvis coriaceis ovato-ellipticis obtusis scabriusculis, venis utrinque immersis, floribus brevissime pedunculatis axillaribus solitariis vel 2–3 aggregatis et cymosis infrapollicaribus, calycis hirsuti lobis lanceolato-oblongis obtusiusculis, corollæ hirsutæ tubo curvo.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 299. (Hb. Kew.)

72. **Rondeletia gracilis**, n. sp.

Glabrescens, ramulis gracilibus, foliis membranaceis graciliter petiolatis oblongo-lanceolatis utrinque attenuatis fere omnino glabris, floribus parvis tetrameris parce arachnoideo-pubescentibus subsessilibus capitellatis, capitellis breviter pedunculatis in racemos terminales dispositis, calycis lobis lineari-lanceolatis inæqualibus, corollæ lobis undulatis, ore nudo, capsula minus lineam diametro.

Guatemala: Alta Vera Paz, alt. 3600 ped., *Türckheim*, 404. (Hb. Kew.)

73. **Relbunium polyplocum**, n. sp.

Herbaceum, repens vel procumbens, omnino hispidulo-pilosum, densissime ramosum, ramis fere filiformibus, internodiis brevibus, foliis parvis quaternis linearibus vel lineari-oblongis vix acutis trinerviis, nervis lateralibus juxta marginem, fructu albo-granuloso glabro.

Mexico: Mirador, *Linden*, 516; *Liebmann*, 243, 244; in regione San Luis Potosi, *Parry et Palmer*, 308. (Hb. Kew.)

74. **Galium glaberrimum**, n. sp.

Omnino glaberrimum, ramis striatulis, foliis amplinsculis septenis (vel supremis oppositis) oblongis vel obovatis cuspidatis glaucis, floribus minutis laxe cymosis, cymarum ramulis pedicellisque filiformibus, fructu lævi subcarnoso.

Mexico: loco non indicato, *Liebmann*, 220. (Hb. Kew.)

75. **Galium leucotrichum**, n. sp., tab. nostr. ined.

Suffrutescens, valde ramosum, ramis floriferis setosis tetragonis, inter-

nodiis brevibus, foliis quaternis sessilibus brevibus oblongo-ellipticis obtusiusculis subtrinerviis subtus dense albo-pilosis, floribus dioicis vel saltem uniserialibus minutis trichotomo-cymosis, fructu parvo longe molliterque albo-piloso.

Mexico: in regione Orizabæ, *Müller*, 174, *Bourgeau*, 3125, *Sumichrast*, 514; Tehuacan, *Liebmann*, 238. (Hb. Kew.)

76. **Galium orizabense**, n. sp.

Herbaceum, hispidulum, vix asperulum, ramis flexilibus usque 5-pedalibus graciliusculis tetragonis, foliis quaternis lineari-lanceolatis obtusiusculis obscure trinerviis tenuibus, floribus parvis numerosissimis, petalis ovato-oblongis distincte acuminatis, fructu dense uncinato-setuloso, setulis vix rigidis.

Mexico: in regione Orizabæ, *Botteri*, 836, 838, 839, *Sumichrast*, 1933, *Müller*, 1144, 1326, *Bourgeau*, 2833, 3016; Zimapan, *Coulter*, 188, pro parte. (Hb. Kew.)

77. **Cuscuta mitræformis**, Engelm. MSS.

Caulibus crassis, floribus grandiusculis (3 lineas longis latisque) breviter pedicellatis vel subsessilibus glomeratis, calycis lobis orbicularibus inæqualibus 2 exterioribus carinatis vel interdum fere alatis quam corolla campanulata paullo longioribus, corollæ lobis late ovatis rotundatis demum reflexis vel patulis, filamentis subulatis, antheris oblongis æquilongis quam corolla brevioribus, squamis latissimis rotundatis fimbriatis quam corollæ tubus longioribus incurvis gynæcium tegentibus, stylis late conicis quam ovarium brevioribus, capsula maxime acuta exserta stylis acutis induratis divaricatis coronata.

Mexico: inter San Luis Potosi et Tampico, *Palmer*. (Hb. Kew.)

78. **Juglans mollis**, Engelm. MSS.

Arbor mediocris, cortice nigro, foliolis 11–13 late ovatis acutis basi obtusis vel subcordatis, lateralibus subsessilibus et leviter obliquis terminali petiolulato, omnibus dense irregulariterque biseriatis, subtus tomentosis, supra demum fere glabris, endocarpio crassissimo depresso-globoso leviter compresso longitudinaliter sulcato circiter $1\frac{3}{4}$ poll. diametro maxima et $1\frac{1}{4}$ poll. diametro minima.

Mexico: in regione San Luis Potosi, 8000 ped, *Palmer*. (Hb. Kew.)

79. **Bravoa sessiliflora**, n. sp., tab. nostr. ined.

Gracilis, caule florifero fere nudo quam folia duplo triplove longiore, foliis linearibus obtusiusculis, bracteis parvis, floribus sessilibus sæpissime geminis usque ad bipollicaribus, perianthii tubo angustissimo.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 867. (Hb. Kew.)

80. **Agave** (§ **Manfreda**) **guttata**, Jacobi et Bouché?, tab. nostr. ined.

Foliis magis distincte denticulatis, floribus minoribus, tubo pro portione breviore.

Mexico: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 865. (Hb. Kew.)

81. **Agave** (§ **Euagave**) **megalacantha**, n. sp., tab. nostr. ined.

Affinis *A. scolymo*, sed differt foliis brevioribus latioribus, spinis maximis basi valde dilatatis, floribus minoribus, perianthii segmentis longioribus angustioribus.

Mexico: prope Pedregal, in convalle Mexici, *Bourgeau*, 1020 bis. (Hb. Kew.)

82. **Agave** (§ **Manfreda**) **sessiliflora**, n. sp., tab. nostr. ined.

Acaulis, foliis erectis usque fere bipedalibus obtusis evittatis crebre striatis margine obsolete denticulatis nec undulatis, scapo 2–3-pedali (forsan interdum ultra) apice 8–12-floro, perianthii lobis apice cucullatis et intus barbatis quam tubus paullo brevioribus, staminibus longissime exsertis.

Mexico: in regione Orizabæ, *Bourgeau*, 3003; Barranca de Pedregal, in rupibus, *Bourgeau*, 412. (Hb. Kew.)

83. **Zephyranthes longifolia**, n. sp.

Foliis pluribus synanthiis quam scapi sæpissime longioribus angustissimis, scapis 1–2, floribus mediocribus fere rectis flavis vel extus cupreis quam pedunculi duplo longioribus, spatha apice primum indivisa, perianthii segmentis liberis, staminibus inclusis, stylo alte trifido.

Nova Mexico: *Wright*, 1904. Mexico propria: in regione San Luis Potosi, alt. 6000–8000 ped., *Parry et Palmer*, 870. (Hb. Kew.)

LEPTORHŒO, C. B. Clarke

(*Commelinacearum* genus novum).

Sepala 3. Petala 3. Stamina 6 fertilia, quorum 3 majora. Ovarium 3-loculare, loculis 1-ovulatis.—Herba debilis. Flores parvi, umbellulati; umbellulæ 3–6-floræ, pedunculatæ.

Differt ab omnibus *Tradescantieis* (præter *Rhœonem*) ovulis solitariis.

84. **Leptorhœo filiformis**, C. B. Clarke, tab. nostr. ined.

Filamentis nudis, seminibus a dorso visis quadratis, in quatuor marginibus quasi emarginatis.—*Tradescantia filiformis*, Martens et Gal. in Bull. Acad. Brux. 1842, ii. 376; *Aneilema floribundum*, Hook. et Arn. Bot. Beechey Voy. 311.

Mexico: prope Oaxaca, *Galeotti*, 4957, *Beechey*, *Seemann*. Nicaragua, *Tate*, 451; *P. Lévy*, 202.—Venezuela, Brasilia. (Hb. Kew.)

85. **Phaospherion leiocarpum**, Hassk. in Flora, 1866, 212; tab. nostr. ined.

Foliis oblongo-lanceolatis, spathis axillaribus pedunculatis, seminibus liberis farinosis toruloso-foveolatis.—*Commelina? leiocarpa*, Benth.! in Bot. 'Sulphur,' 176; *C. pallida*, Schldl. in Linnæa, xxvi. 454, non Willd.; *Aclisia florida*, Hort. Berol. 1837; *Athyrocarpi* novi generis typus, Schldl. loc. cit.

Mexico: *Botteri*, 522; San Blas, *Dr. Coulter*, 1595; Cordova, *Bourgeau*, 1480; Oaxaca, *Galeotti*, 4966, 4969 *f*. Panama, *Duchassaing*. Sinus Fonsecæ, *Dr. Sinclair*.—Venezuela. (Hb. Kew.)

86. **Callisia insignis**, C. B. Clarke, tab. nostr. ined.

Foliis cordato-ovato-lanceolatis sessilibus glabriusculis, floribus fasciculatis vix ex ochreis exsertis trimeris, ovario triloculari, stylo filiformi, stigmate penicilliformi, seminibus 6 ab embryostega radiatim rugosis.

Mexico: prope Guadalupe, *Bourgeau*, 747, 889; in convalle Mexico, *Hahn*, 23; *Pavon*. (Hb. Kew.)

Aliarum plantarum ante descriptarum, ideoque hocce loco non enumeratarum, tabulæ ad 'Biologiam Centrali-Americanam' paratæ sunt; nempe:—

Cuphea bustamanta, La Llav. et Lex.
—— *graciliflora*, Kœhne.
Glockeria gracilis, Nees.
Chileranthemum trifidum, Œrsted.
Tricuspis monstra, Munro (syn. *Scleropogon brevifolius*, Philippi).
Alsophila godmani, Hook.
—— *salvini*, Hook.

CORRIGENDA.

Polygala microptera, Bennett (sphalmate **mycrophylla**), *ante*, p. 2, est **P. incarnata**, Linn.

Gordonia parviflora, Hemsl., p. 4, est **Symploci** species.

Chionolæna corymbosa, Hemsl., p. 32, est **Gnaphalium seemanni**, Schz. Bip.

Decachæta seemanni, Benth. et Hook., p. 33, est **Ageratum microphyllum**, Sch. Bip.

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